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LUCAS COMPRESSOR STATION CHARACTERIZATION REPORT/ RESPONSE ACTION WORK PLAN

RICHLAND COUNTY, OHIO

7 JUNE 2001 [Revision No. 1: 2 August 2001]

Prepared for:

COLUMBIA GAS TRANSMISSION

By:

SE TECHNOLOGIES, INC. ENVIRONMENTAL STANDARDS, INC.



2.0 ENVIRONMENTAL SETTING

2.1 Physical Setting

The Lucas Compressor Station is located on an approximate eighteen (18) acre tract of property. The primary operations area and associated equipment encompasses approximately three and one-half (3.5) acres contained within a six (6) feet high security fence. The site is located on State Route 39, approximately 1.5 miles east of the intersection of State Route 603 and approximately five (5) miles northwest of the community of Perrysville, Ohio. The site is positioned in the northwest quadrant of the Perrysville 7.5 minute USGS Quadrangle Map (Figure 1-1).

The site is located adjacent to the flood plain of the Black Fork Mohican River at an approximate elevation of 1,020 feet above mean sea level (msl). The Rocky Fork and Black Fork converge approximately 3,000 feet south of the site to form the Mohican River. Vertical relief between the flood plain and adjacent hilltops, within the immediate site area, is approximately 100 feet. The Black Fork flood plain is well-defined and up to one-quarter (1/4) mile wide. Black Fork is located approximately 1,500 feet east of the primary site operations area. The overall site grade is nearly flat with a slight grade to the south for drainage.

2.2 Climate

The site is located in Richland County, Ohio, which is characterized by a moderate climate with hot summers and cold winters. The average daily temperature is 35 degrees Fahrenheit in the winter, and 85 degrees Fahrenheit in the summer. The Richland County area receives an average annual precipitation of 35.79 inches, and an average snowfall of 40.0 inches. Prevailing winds are from the west/southwest. The levels of precipitation are highest during the months between March and August, which accounts for about 56 percent of annual rainfall (U. S. Department of Agriculture, Soil Survey of Richland County, Ohio, 1975).

2.3 Surface Water Hydrology

The site is located in the Black Fork Mohican River drainage basin, which discharges to the Lake Fork Mohican River approximately ten (10) miles east of the site. The river flows southward to the Muskingum River, which ultimately discharges into the Ohio River. The site is located in a rural area and consists primarily of agricultural and undeveloped woodland areas.

Site drainage is via overland flow as determined by site grade. The site grade slopes towards the southeast as shown by the site topographic map (Figure 1-1) and the location of the Former Pond (Figure 1-2).

No drainage channels or streams were observed in the immediate site area.

2.4 Geology and Soils

The site is situated within the Glaciated Plateau section of the Appalachian Plateau Physiographic province. The site in underlain by the Waverly and Maxville bedrock formations of Mississippian age, which are composed of interbedded shales, sandstones, and limestones (Bownocker, J. A., 1992). Formation thickness in the site area is probably in excess of several hundred feet.

The site is located within the river valley of the Black Fork Mohican River. Quaternary deposits derived from glaciation of the northern portion of Ohio are characterized as Kames and Kame Terraces (Pavey, R. R., et al., 1999). The Kames and Kame Terraces were deposited by meltwater in contact with glacial ice and forms groups of hummocky features and high valley-side terraces. Due to the relative high energy associated with these features, sediments, typically consist of poorly sorted and bedded sands and gravels with dispersed finer grained till deposits.

Alluvial sediments deposited along the banks and bottom of the Black Fork Mohican River and Rocky Fork are finer grained silts and clays due to the low topographic relief and resultant low stream velocity.

Review of the USDA Soils Survey (In Press) indicated that the site is underlain by the Chili (CnB and CnC) soil series, which formed primarily on terraces along major stream valleys. The soils within the Chili series are well-drained with low moisture capacity and moderately high permeability.

2.5 Hydrogeology and Groundwater Quality

Throughout the site area, useable quantities of groundwater are generally obtained from wells installed into glacial deposits along major stream valleys and bedrock formations. In other areas, springs may be a source of potable water supply. One (1) on-site water well is the process water for Lucas Compressor Station. Bottled water is supplied to the site as the potable water source.

The principal source of groundwater is recharge from precipitation. The direction of regional groundwater flow is controlled to a large extent by bedrock fracture orientation combined with glacial deposits. Regional topography influences the development and flow direction of local shallow aquifers in that the groundwater surface typically mimics the ground surface topography. The unsaturated zone is generally more extensive at higher elevations and less extensive at lower elevations near surface water bodies.

Within a five (5) mile radius of the site, approximately thirty-five (35) percent of the documented water wells are constructed in the alluvial or glacial deposits. The well depths range from 53-180 feet below ground surface (bgs), with an average depth of 107 feet. Well yields average twenty-one

This section (Section 4.0) presents the comparison of site data to the residential CALs. Where additional evaluation is warranted, i.e., comparison to land-use specific RALs, that evaluation will be discussed in Section 5.0.

4.2 Site Physical Description

Based on a review of soil descriptions, the surface soils at the site consist primarily of brown, sand with various amounts of clay, silt and gravel. Bedrock was not encountered in the Geoprobe borings, which were advanced to depths up to sixteen (16) feet bgs.

4.3 Analytical Results for Investigative Samples

A summary of the analytical methods for each PRA is shown in Table 4-2. Analytical results for the sampling completed are summarized in Table 4-3. A summary of QA/QC samples is presented in Table 3-4.

Figures 4-2A through 4-2D present analytical results that exceed the CALs and/or background to facilitate review. The results are discussed by media by PRA in the following subsections. The results are also provided on a compact disk. Columbia maintains a hard copy of all analytical data should additional review be needed.

4.3.1 Background Sampling Results

Three (3) background soil samples and one (1) duplicate sample were collected for this characterization as presented below:

Sample Number	Depth (ft)	Analysis
LUC-ASB052-70001	2 - 3	
LUC-ASB053-70001	11 – 12	Table 1
LUC-ASB054-70001	3 - 4	
LUC-ASB054-71001	3-4	

All constituents were below CALs except for Arsenic, which ranged in concentration from 24.7 milligrams per kilogram (mg/kg) to 33.2 mg/kg.

As provided for in the CWP, the highest concentration of a constituent detected or a concentration equal to two (2) times the arithmetic mean of levels detected in background samples as presented in Appendix H are used to establish background concentrations. The site background concentrations for detected constituents are presented below:

Analyte	Background Level (mg/kg)
Arsenic	54
Chromium	23.6
Barium	114.8
Lead	47.2
Nickel	46.6
Antimony	11.4

No PAHs or PCBs were detected in the background samples. Toluene and trichloroethylene were the only VOCs detected in one (1) sample at a concentration below the CALs.

4.3.2 Random PCBs Sample Results

Six (6) random surface soil samples and one (1) duplicate sample were collected from a depth interval of 0.0 - 0.5 feet bgs and submitted for analyses of PCBs. PCB concentrations were non-detect or detected below the CAL with the following exception:

Sample Number	Depth (ft)	Analyte	Results mg/kg	CAL mg/kg	Bkg. mg/kg
LUC-ASS109-40001	0 - 0.5	PCB Aroclor 1254	3.4	1.0	NA

4.3.3 Soil Sample Results

PRA #1 – 300-Gallon Portable Pipeline Liquids AT

One (1) surface soil sample (0.0 - 1.0 feet bgs) two (2) subsurface soil samples (2.0 - 3.0 feet bgs) and 3.0 - 4.0 feet bgs), and one (1) duplicate subsurface soil sample were collected from one (1) soil boring and submitted for BTEX and PCB analyses. BTEX and PCB concentrations were not detected.

PRA #3 – 550-Gallon Diesel Fuel AT

One (1) surface soil sample (0.0-1.0 foot bgs) and one (1) subsurface soil sample (3.0 - 4.0 feet bgs) were collected from one (1) soil boring for BTEX and PCB analyses. The subsurface soil sample also was analyzed for PAHs. BTEX and PAHs concentrations were not detected. PCB concentrations were non-detect or detected below the CAL.

PRA #4 – Former Blow-off AT

One (1) surface soil sample (0.0-1.0 foot bgs) and four (4) subsurface soil samples (2.0-3.0 feet bgs, 3.0-4.0 feet bgs, 6.0 - 7.0 feet bgs and 11-12 feet bgs) were collected from one (1) soil boring for BTEX, and PCBs analyses. In addition, three (3) subsurface soil samples were analyzed for PAHs. PAH concentrations were not detected. BTEX and PCB concentrations were non-detect or detected below the CALs.

PRA #5 – 400-Gallon Kerosene ATs

One (1) surface soil sample (0.0-1.0 foot bgs) and two (2) subsurface soil samples (2.0-3.0 feet bgs and 3.0-4.0 feet bgs) were collected from one (1) soil boring, and submitted for BTEX, PAHs, and PCB analyses. BTEX, PAH, and PCB concentrations were not detected.

PRA #6 – 275-Gallon Antifreeze Overflow AT

Two (2) subsurface soil samples (2.0-3.0 feet bgs and 3.0-4.0 feet bgs) were collected from one (1) soil boring and submitted for BTEX, PCBs and Arsenic analyses. BTEX concentrations were not detected. PCB and Arsenic concentrations were non-detect or detected below CALs and/or background with the following exception:

Sample Number	Depth	Analyte	Results	CAL	BKG.
Sample Number	(ft)	(mg/kg)	(mg/kg)	(mg/kg)	
LUC-ASB005-70001	2-3	Arsenic	63.5	0.43	54

PRA #7 – Former 1,000-Gallon Gasoline AT/UT; Former Trash Storage Area

Two (2) surface soil samples (0.0 – 1.0 foot bgs) and six (6) subsurface soil samples (two [2] 2.0-3.0 feet bgs, two [2] 3.0-4.0 feet bgs, and two [2] 11.0-12.0 feet bgs) were collected from two (2) soil borings and submitted for Table 1 (BTEX VOCs only) and methyl tert-butyl ether (MTBE) analyses. BTEX, MTBE, and PAH concentrations were not detected. PCB and Table 1 Metals concentrations were non-detect or detected below CALs and/or background.

PRA #8 – 12,000-Gallon Wastewater AT; Former 12,000-Gallon Wastewater AT

Two (2) surface soil samples (0 – 1.0 foot bgs) and four (4) subsurface soil samples (two [2] from 2.0 - 3.0 feet bgs and two [2] from 3.0 - 4.0 feet bgs) were collected from two (2) soil borings and submitted for Table 1 analyses. PAH concentrations were not detected. VOC, PCB, and Table 1 Metals concentrations were non-detect or detected below the CALs and/or background with the following exceptions:

Sample Number	Depth (ft)	Analyte	Results (mg/kg)	CAL (mg/kg)	BKG. (mg/kg)
LUC-ASB009-40001	0-1	PCB Aroclor 1254	3.7	1.0	NA
LUC-ASB009-70001	2-3	Arcania	62.5 J+	0.43	5.4
LUC-ASB009-70002	3-4	Arsenic	56.7 J+	0.43	54

PRA #9 – 12,000-Gallon Pipeline Liquids UT

Three (3) subsurface soil samples (8.0-9.0 feet bgs, 9.0-10.0 feet bgs, and 11.0-12.0 feet bgs) were collected and submitted for BTEX and PCBs analyses. In addition, two (2) samples were analyzed for PAHs. BTEX, PAHs, and PCBs concentrations were not detected.

PRA #10 – Former 5,000-Gallon Pipeline Liquids UT

One (1) subsurface soil sample (10.0-11.0 feet bgs) was collected from one (1) soil boring and submitted for BTEX and PCB analyses. BTEX and PCB concentrations were not detected.

PRA #11 - Former Burn Pit

Two (2) surface soil samples (0 – 1.0 foot bgs), five (5) subsurface soil samples (two [2] 2.0-3.0 feet bgs, two [2] 3.0-4.0 feet bgs, and one [1] 6.0-7.0 feet bgs), and one (1) duplicate sample were collected from two (2) soil borings and submitted for analyses of the Table 1 list of constituents. BTEX, PAHs, PCBs, and Table 1 Metals concentrations were non-detect or detected below CALs and/or background with the following exception:

Sample Number	Depth	Analyte	Results	CAL	BKG.
•	(ft)	Ü	(mg/kg)	(mg/kg)	(mg/kg)
LUC-ASB013-70001	2-3	PCB Aroclor 1254	1.1	1.0	NA

PRA #12 – ESD Blowdown #1

One (1) surface soil sample (0.0-0.5 foot bgs) was collected and submitted for PCB analyses. PCB concentrations were not detected.

PRA #20 – CAS; Auxiliary Building; Auxiliary Building Electrical Pit

One (1) surface soil sample (0 - 0.5 foot bgs) was collected and submitted for PCBs analyses. PCBs concentrations were not detected with the following exception:

Sample Number	Depth (ft)	Analyte	Results (mg/kg)	CAL (mg/kg)	BKG. (mg/kg)
LUC-ASS104-40001	0.0-0.5	PCB Aroclor 1254	6.0 J	1.0	NA

PRA #21 – Former Drum Storage Area #1; Surplus Equipment Storage #4

Two (2) surface soil samples (0.0-1.0 foot bgs) and one (1) duplicate sample were collected and submitted for Table 1 (BTEX VOCs only) and MTBE analyses. BTEX, MTBE, and PAH concentrations were not detected. PCBs and Table 1 Metals concentrations were non-detect or detected below the CALs with the following exception:

Sample Number	Depth	Analyte	Results	CAL	BKG.
Sample Number	(ft) Analyte	(mg/kg)	(mg/kg)	(mg/kg)	
LUC-ASS034-40001	0.0-1.0	PCB Aroclor 1254	2.0 J-	1.0	NA

PRA #22 – Former Drum Storage Area #2; Former Drainline System Remediation, Segment A

Two (2) surface soil samples (0-1.0 foot bgs) and two (2) subsurface soil samples (3.0-4.0 feet bgs and 7.0-8.0 feet bgs) were collected and submitted for analysis of the Table 1 list of constituents. VOC, PAH, PCB, and Table 1 Metals concentrations were non-detect or detected below the CALs and/or background with the following exceptions:

Sample Number	Depth (ft)	Analyte	Results (mg/kg)	CAL (mg/kg)	BKG. (mg/kg)
LUC-ASB015-40001	0.0-1.0	PCB Aroclor 1254	4.1	1.0	NA
LUC-ASB015-40001	0.0-1.0	Arsenic	292	0.43	54
	0.0-1.0	Benzo(a)pyrene	0.65	0.087	NA
LUC-ASB016-40001		PCB Aroclor 1254	2.2	1.0	NA
		Arsenic	98.6	0.43	54
LUC-ASB016-70001	3-4	PCB Aroclor 1254	1.1	1.0	NA

PRA #23 – Drum Storage Area #1

One (1) surface soil sample (0.0-1.0 foot bgs) was collected and submitted for analyses of the Table 1 list of constituents. VOC and PAH concentrations were not detected. PCB and Table 1 Metals concentrations were non-detect or detected below the CALs and/or background.

PRA #24 – Former Solvent Flushing Area

One (1) surface soil sample (0-1.0 foot bgs) and two (2) subsurface soil samples (2.0-3.0 feet bgs and 3.0-4.0 feet bgs) were collected from one (1) soil boring and submitted for Table 1 VOC analyses. Table 1 VOC concentrations were not detected.

PRA #25 – North Scrubbers

Two (2) surface soil samples (0.0-1.0 foot bgs) and four (4) subsurface soil samples (two [2] 2.0-3.0 feet bgs and two [2] 3.0-4.0 feet bgs) were collected from two (2) soil borings and submitted for BTEX and PCBs analyses. BTEX and PCBs concentrations were non-detect or detected below CALs.

PRA #26 – South Scrubbers

Two (2) surface soil samples (0.0-1.0 foot bgs) and three (3) subsurface soil samples (1.0-2.5 feet bgs, 2.0-3.0 feet bgs, and 3.0-4.0 feet bgs) were collected from two (2) soil borings and submitted for BTEX and PCBs analyses. BTEX and PCBs concentrations were not detected.

PRA #27 – North Separators

Two (2) surface soil samples (0.0-1.0 foot bgs) and four (4) subsurface soil samples (two [2] 2.0-3.0 feet bgs and two [2] 3.0-4.0 feet bgs) were collected from two (2) soil borings and submitted for BTEX and PCB analyses. In addition, three (3) subsurface soil samples were analyzed for PAHs. PAH and PCB concentrations were not detected. BTEX concentrations were non-detect or detected below the CALs.

PRA #28 – South Separators

Three (3) surface soil samples (0 – 1.0 foot bgs), six (6) subsurface soil samples (one [1] 1.5-2.5 feet bgs, two [2] 2.0-3.0 feet bgs, two [2] 3.0-4.0 feet bgs, and one [1] 5.0-6.0 feet bgs) and one (1) duplicate sample were collected from three (3) soil borings and submitted for BTEX and PCB analyses. In addition, six (6) soil samples were analyzed for PAHs. BTEX concentrations were not

Sample Number	Depth (ft)	Analyte	Results (mg/kg)	CAL (mg/kg)	BKG. (mg/kg)
		Benzo(a)anthracene	4.2	0.87	
		Benzo(b)fluoranthene	2.8	0.87	
LUC-ASS051-40001	0-1	Benzo(a)pyrene	3.1	0.087	
		Dibenzo(a,h)anthracene	0.49	0.087	NA
		Indeno(1,2,3-C,D)pyrene	1.6	0.87	
		Benzo(a)pyrene	0.48 J-	0.087	
LUC-ASS052-40001		PCB Aroclor 1254	1.6	1.0	
		Arsenic	55.8	0.43	54
LUC-ASS054-40001		Benzo(a)pyrene	0.41	0.087	NA

PRA #37 - Coolers

Four (4) surface soil samples (0.0-1.0 foot bgs), ten (10) subsurface soil samples (four [4] 2.0-3.0 feet bgs, five [5] 3.0-4.0 feet bgs, and one [1] 4.0-5.0 feet bgs), and one (1) duplicate sample were collected from five (5) soil borings and submitted for BTEX, PCB, and Arsenic analyses. In addition, eight (8) subsurface soil samples were analyzed for PAHs. Two (2) samples were analyzed for Glycol. BTEX and PAH concentrations were not detected. PCB, Glycol, and Arsenic concentrations were non-detect or detected below the CALs and/or background.

PRA #38 – Clark Engine Coolers

Two (2) surface soil samples (0.0-1.0 foot bgs), four (4) subsurface soil samples (two [2] 2.0-3.0 feet bgs, and two [2] 3.0-4.0 feet bgs, and one (1) duplicate sample were collected from two (2) soil borings and submitted for BTEX and Arsenic analyses. BTEX concentrations were not detected. Arsenic concentrations were below background with the following exceptions:

Sample Number	Depth (ft)	Analyte	Results (mg/kg)	CAL (mg/kg)	BKG. (mg/kg)
LUC-ASB036-40001	0.1		151		
LUC-ASB036-41001	0-1		110		
LUC-ASB036-70001	2-3	Arsenic	181	0.43	54
LUC-ASB036-70002	3-4		75.2		
LUC-ASB037-70001	2-3		69.7		

PRA #46 – Substation/Garage Building and Floor Drain Outfall

One (1) surface soil sample (0 - 1.0 foot bgs) was collected and submitted for Table 1 analyses. VOC concentrations were not detected. PAH, PCB, and Table 1 Metals concentrations were non-detect or detected below the CALs and/or background with the following exceptions:

Sample Number	Depth (ft)	Analyte	Results (mg/kg)	CAL (mg/kg)
LUC-ASS098-40001		Benzo(a)anthracene	23	0.87
	0-1	Benzo(b)fluoranthene	22	0.87
		Benzo(k)fluoranthene	20	8.7
		Benzo(a)pyrene	26	0.087
		Dibenzo(a,h)anthracene	3.7	0.087
		Indeno(1,2,3-C,D)pyrene	18	0.87

PRA #47 –Line Heater

One (1) surface soil sample and two (2) subsurface soil samples (2.0 - 3.0 feet bgs) and 3.0 - 4.0 feet bgs) were collected from one (1) soil boring and submitted for BTEX and PCB analyses. BTEX and PCB concentrations were not detected.

PRA #48 – Septic System

One (1) subsurface soil sample (3.0 - 4.0 feet bgs) was collected and submitted for Table 1 analyses. VOC, PCB, and PAH concentrations were non-detect or detected below the CALs. Table 1 Metals concentrations were non-detect or detected below the CALs and/or background.

Four (4) surface soil samples (0 - 1.0 foot bgs) and four (4) subsurface soil samples (2.0 - 3.0 feet bgs) were collected from four (4) soil borings and submitted for PCB analyses. PCBs concentrations were non-detect or detected below the CAL.

PRA #49 - Former Pond Area

Three (3) surface soil samples (0.0-1.0 foot bgs), six (6) subsurface soil samples (three [3] 2.0-3.0 feet bgs, and three [3] 3.0-4.0 feet bgs), and one (1) duplicate sample were collected from three (3) soil borings and submitted for analyses of the Table 1 list of constituents. PAH concentrations were not detected. VOC, PCB, and Table 1 Metals concentrations were non-detect or detected below the CALs and/or background with the following exceptions:

Sample Number	Depth (ft)	Analyte	Results (mg/kg)	CAL (mg/kg)	BKG. (mg/kg)
LUC-ASB044-40001	0-1		66.5		
LUC-ASB044-70001	2-3	Arsenic	74.9	0.43	54
LUC-ASB045-70001	2-3	Arsenic	68.8		34
LUC-ASB045-70002	3-4		119	0.43	
LUC-ASB046-40001	0-1	PCB Aroclor-1254	5.4	1.0	NA
LUC-ASB046-70002	3-4	Arsenic	62	0.43	54

PRA #50 – Former Drum Storage Area #3

One (1) surface soil sample (1.0-1.0 foot bgs), two (2) subsurface soil samples (2.0-3.0 feet bgs and 3.0-4.0 feet bgs), and one (1) duplicate sample were collected from one (1) soil boring and submitted for analyses of the Table 1 list of constituents. VOC, PAH, and PCB concentrations were not detected. Table 1 Metals concentrations were non-detect or detected below the CALs and/or background.

PRA #51 – Oil/Water Separator

Two (2) subsurface soil samples (5.0-6.0 feet bgs) were collected from two (2) soil borings and submitted for analyses of the Table 1 (BTEX VOCs only) list of constituents. BTEX, PAHs, and PCBs concentrations were not detected. Table 1 Metals concentrations were non-detect or detected below the CALs and/or background.

PRA #52 – Storm Water Outfall

One (1) surface soil sample (0.0-1.0 feet bgs) was collected and submitted for analyses of the Table 1 list of constituents. VOC, PAH, and PCB concentrations were not detected. Table 1 Metals concentrations were non-detected or detected below the CALs and/or background.

PRA #54 – Former 10,000-Gallon Brine Storage UT

One (1) subsurface soil sample (15.0-16.0 feet bgs) was collected and submitted for BTEX and Arsenic analyses. BTEX concentrations were not detected. The Arsenic concentration was below background.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description	BACKGROUND					
		Sample Type	Field Duplicate (Rep)	Normal Sample			
		Sample Id	LUC-ASB054-71001		LUC-ASB052-70001		LUC-ASB053-7000 11 - 12 10/25/99 SPL SE Technologies MG/KG Result Flag 0.074 ND ND ND 0.11 R 0.008 0.057 R ND ND ND ND ND ND ND ND ND N	-
		Depth - ft bgs	3 - 4		2 - 3		11 - 12 10/25/99 SPL SE Technologies MG/KG Result Flag 0.074 ND ND ND 0.11 R 0.008 0.057 R	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		0.074	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND		ND	
	ACETONE	7800	0.11 R		0.11 R		0.11 R	
	TRICHLOROETHYLENE (TCE)	58	ND		ND		0.008	
	4-METHYL-2-PENTANONE	6300	0.054 R		0.057 R		0.057 R	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PR A

		PRA	0					
		PRA Description	BACKGROUND					
		Sample Type	Field Duplicate (Rep))	Normal Sample			
		Sample Id	LUC-ASB054-71001		LUC-ASB052-70001		LUC-ASB053-70001	
		Depth - ft bgs	3 - 4		2 - 3		11 - 12	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	92.7		49.8		40.5	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	0					
		PRA Description	BACKGROUND					
		Sample Type	Field Duplicate (Rep)		Normal Sample			
		Sample Id	LUC-ASB054-71001		LUC-ASB052-70001		LUC-ASB053-70001	
		Depth - ft bgs	-		2 - 3		11 - 12	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	10.8		15.1		8.6	
	LEAD, TOTAL	400	32.9		23.3		ND	
	NICKEL, TOTAL	1600	20.6		24.1		23.8	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	29.2	X	24.7	X	25.3	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description			RANDOM PCBS			
		Sample Type			Field Duplicate (Rep	p)	Normal Sample	
		Sample Id	LUC-ASB054-70001		LUC-ASS106-41001		Normal Sample LUC-ASS105-40001 05 10/19/99 SPL SE Technologies MG/KG Result Flag	i
		Depth - ft bgs	3 - 4		05		05	
		Collected Date	10/25/99		10/21/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND					
	ETHYL BENZENE	7800	ND					
	XYLENES (TOTAL)	1000000	ND					
	METHYLENE CHLORIDE	85	ND					
	ACETONE	7800	0.11 R					
	TRICHLOROETHYLENE (TCE)	58	ND					
	4-METHYL-2-PENTANONE	6300	0.054 R					
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND					
	ACENAPTHYLENE	4700	ND					
	ACENAPHTHENE	4700	ND					
	FLUORENE	3100	ND					
	PHENANTHRENE	23000	ND					
	ANTHRACENE	23000	ND					
	FLUORANTHENE	3100	ND					
	PYRENE	2300	ND					

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description			RANDOM PCBS			
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	LUC-ASB054-70001		LUC-ASS106-41001		LUC-ASS105-40001	
		Depth - ft bgs	3 - 4		05		05	
		Collected Date	10/25/99		10/21/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND					
	BENZO(B)FLUORANTHENE	.87	ND					
	CHRYSENE	87	ND					
	BENZO(K)FLUORANTHENE	8.7	ND					
	BENZO(A)PYRENE	.087	ND					
	DIBENZO(A,H)ANTHRACENE	.087	ND					
	BENZO(GHI)PERYLENE	2300	ND					
	INDENO(1,2,3-C,D)PYRENE	.87	ND					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	1
	AROCLOR-1260	1	ND		ND		ND	1
METAL	ANTIMONY, TOTAL	31	11.9 J					1
	BARIUM, TOTAL	5500	71.2					1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description			RANDOM PCBS			
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	LUC-ASB054-70001		LUC-ASS106-41001		LUC-ASS105-40001	
		Depth - ft bgs	3 - 4		05		05	
		Collected Date	10/25/99		10/21/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND					
	CADMIUM, TOTAL	39	ND					
	CHROMIUM, TOTAL	230	12.7					
	LEAD, TOTAL	400	39.3					
	NICKEL, TOTAL	1600	23.2					
	MERCURY, TOTAL	20	ND					
	ARSENIC, TOTAL	.43	33.2	X				

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS106-40001		LUC-ASS107-40001		LUC-ASS108-40001	
		Depth - ft bgs	05		05		05	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL	05 10/21/99 SPL SE Technologies MG/KG		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS106-40001		LUC-ASS107-40001		LUC-ASS108-40001	
		Depth - ft bgs	05		05		05	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS106-40001		LUC-ASS107-40001		LUC-ASS108-40001	
		Depth - ft bgs	05		05		05	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description					300-GAL PORTAB	LE PIPELINE
		Sample Type					Field Duplicate (Rep)
		Sample Id	LUC-ASS109-40001		LUC-ASS110-40001	[LUC-ASB001-71001	
		Depth - ft bgs	05		05		2 - 3	
		Collected Date	10/21/99		10/21/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000					ND	
	ETHYL BENZENE	7800					ND	
	XYLENES (TOTAL)	1000000					ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					1	
		PRA Description					300-GAL PORTAB	LE PIPELINE
		Sample Type					Field Duplicate (Rep)
		Sample Id	LUC-ASS109-40001		LUC-ASS110-40001		LUC-ASB001-71001	L
		Depth - ft bgs	05		05		2 - 3	
		Collected Date	10/21/99		10/21/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	3.4	X	0.060		ND	1
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						1
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					1	
		PRA Description					300-GAL PORTABI	LE PIPELINE I
		Sample Type					Field Duplicate (Rep)
		Sample Id	LUC-ASS109-40001		LUC-ASS110-40001		LUC-ASB001-71001	
		Depth - ft bgs	05		05		2 - 3	
		Collected Date	10/21/99		10/21/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description	LIQ AT					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB001-40001		LUC-ASB001-7000	1	LUC-ASB001-70002	}
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/22/99		10/22/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description	LIQ AT					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB001-40001		LUC-ASB001-70001		LUC-ASB001-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/22/99		10/22/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description	LIQ AT					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB001-40001		LUC-ASB001-70001		LUC-ASB001-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/22/99		10/22/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

					-			
		PRA Description	300-GAL USED OII	AT	0 - 1 10/21/99 SPL SE Technologies			
		Sample Type	Sample Type Normal Sample Normal Sample Sample Id LUC-ASS001-40001 LUC-ASB002-40001 LUC Depth - ft bgs 0 - 0 0 - 1 3 - 4 Collected Date 10/27/99 10/21/99 10/21 Laboratory SPL SPL SPL Sample Collector SE Technologies SE Technologies SE Technologies Result Units MG/KG MG/KG MG/KG					
		Sample Id	LUC-ASS001-40001		LUC-ASB002-40001		LUC-ASB002-70001	
		Depth - ft bgs	0 - 0		0 - 1	0 - 1		
		Collected Date	10/27/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000			ND		ND	
	ETHYL BENZENE	7800			ND		ND	
	XYLENES (TOTAL)	1000000			ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600					ND	
	ACENAPTHYLENE	4700					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	1
	ANTHRACENE	23000					ND	1
	FLUORANTHENE	3100					ND	1
	PYRENE	2300					ND	1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PR A

		PRA	2		3			
		PRA Description	300-GAL USED OIL	AT	550-GAL DIESEL F	TUEL AT		
		Sample Id Depth - ft bgs 0 - 0 Collected Date Laboratory SPL Sample Collector Result Units MG/I	Normal Sample		Normal Sample			
		Sample Id	LUC-ASS001-40001		LUC-ASB002-40001		LUC-ASB002-70001	-
		Depth - ft bgs	0 - 0		0 - 1		3 - 4	
		Collected Date	10/27/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	
	BENZO(A)PYRENE	.087					ND	
	DIBENZO(A,H)ANTHRACENE	.087					ND	
	BENZO(GHI)PERYLENE	2300					ND	
	INDENO(1,2,3-C,D)PYRENE	.87					ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.93 J		ND		0.060	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	2		3			
		PRA Description	300-GAL USED OIL	AT	550-GAL DIESEL F	UEL AT		
		Sample Type	B LUC-ASS001-40001 LUC-ASB002-40001 LUC-ASB002-700 gs 0 - 0 0 - 1 3 - 4					
		Sample Id			LUC-ASB002-40001		LUC-ASB002-70001	
		Depth - ft bgs			0 - 1		3 - 4	
		Collected Date			10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	4					
		PRA Description	FORMER BLOW O	FF AT				
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB003-40001		LUC-ASB003-70001	-	LUC-ASB003-70002	}
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	r SE Technologies		SPL		SPL	
		Sample Collector			SE Technologies MG/KG		SE Technologies	
		Result Units					MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600					ND	
	ACENAPTHYLENE	4700					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	4					
		PRA Description	FORMER BLOW O	FF AT				
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB003-40001		LUC-ASB003-70001		LUC-ASB003-70002	2
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		10/21/99 SPL SE Technologies MG/KG Result Flag > CA ND ND ND ND ND ND ND N	
		Sample Collector	SE Technologies SE Technologies MG/KG MG/KG MG/KG Result Flag > CAL* Result Flag > CAL* Result Flag 37 ND ND ND 37 ND ND ND 37 ND ND ND 37 ND ND ND					
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	
	BENZO(A)PYRENE	.087					ND	
	DIBENZO(A,H)ANTHRACENE	.087					ND	
	BENZO(GHI)PERYLENE	2300)				ND	
	INDENO(1,2,3-C,D)PYRENE	.87					ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.20		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500)					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	4						
		PRA Description	FORMER BLOW O	FF AT					
		Sample Type	Normal Sample						
		Sample Id			LUC-ASB003-70001		LUC-ASB003-70002		
		Depth - ft bgs			2 - 3	3 - 4			
		Collected Date			10/21/99		10/21/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies	SE Technologies			
		Result Units	MG/KG		MG/KG MG/KG				
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		1101					5	
		PRA Description					400-GAL KEROSE	NE ATS
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB003-70003		LUC-ASB003-70004	ļ	LUC-ASB004-40001	
		Depth - ft bgs	6 - 7		11 - 12		0 - 1	UC-ASB004-40001 - 1 0/20/99 PL E Technologies
		Collected Date	10/21/99		10/21/99		10/20/99	
		Laboratory	le Type ple Id	SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	0.036 J-		ND		ND	
	ETHYL BENZENE	7800	0.24 J-		ND		ND	
	XYLENES (TOTAL)	1000000	0.43 J-		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: July 10, 2000

5

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					5	
		PRA Description					400-GAL KEROSE	NE ATS
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB003-70003		LUC-ASB003-70004		LUC-ASB004-40001	i
		Depth - ft bgs	6 - 7		11 - 12		0 - 1	
		Collected Date	10/21/99		10/21/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	0.10		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	PRA					5	
		PRA Description	PRA Description				400-GAL KEROSENE ATS		
		Sample Type	Sample Type					Normal Sample	
		Sample Id	LUC-ASB003-70003		LUC-ASB003-70004		LUC-ASB004-40001		
		Depth - ft bgs	6 - 7		11 - 12		0 - 1		
		Collected Date	10/21/99 SPL		10/21/99 SPL		10/20/99 SPL		
		Laboratory							
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description					275-GAL OVERFL	OW AT
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB004-70001		LUC-ASB004-70002	2	LUC-ASB005-70001	
		Depth - ft bgs	2 - 3		3 - 4		2 - 3	
		Collected Date	10/20/99		10/20/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	10/20/99 10/22/99 SPL SPL SE Technologies SE Technologies MG/KG MG/KG	> CAL*		
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND			
	ACENAPTHYLENE	4700	ND		ND			
	ACENAPHTHENE	4700	ND		ND			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	ND		ND			
	ANTHRACENE	23000	ND		ND			
	FLUORANTHENE	3100	ND		ND			
	PYRENE	2300	ND		ND			1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					6	
		PRA Description					275-GAL OVERFLO	OW AT
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB004-70001		LUC-ASB004-70002	}	LUC-ASB005-70001	L
		Depth - ft bgs	2 - 3		3 - 4		2 - 3	
		Collected Date	10/20/99		10/20/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND			
	BENZO(B)FLUORANTHENE	.87	ND		ND			
	CHRYSENE	87	ND		ND			
	BENZO(K)FLUORANTHENE	8.7	ND		ND			
	BENZO(A)PYRENE	.087	ND		ND			
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND			
	BENZO(GHI)PERYLENE	2300	ND		ND			
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND			
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		0.23	<u> </u>
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						<u> </u>
	BARIUM, TOTAL	5500						1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					6	
		PRA Description					275-GAL OVERFLO	OW AT
		Sample Type					6 275-GAL OVERFLOW AT Normal Sample LUC-ASB005-70001 2 - 3 10/22/99 SPL SE Technologies MG/KG Result Flag > CAL*	
		Sample Id					275-GAL OVERFLOW AT Normal Sample LUC-ASB005-70001 2 - 3 10/22/99 SPL SE Technologies MG/KG	
		Depth - ft bgs	- ft bgs 2 - 3 3 - 4 2		2 - 3			
		Collected Date	10/20/99			10/22/99		
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies			
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43					63.5	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description			FRMR 1000-GAL A	T/UT;FRMR	TRASH STORAGE A	REA
		Sample Type			Field Duplicate (Rep	n)	Normal Sample	
		Sample Id	LUC-ASB005-70002	2	LUC-ASB007-71001		Normal Sample LUC-ASB006-4000 0 - 1 10/20/99 SPL SE Technologies MG/KG	L .
		Depth - ft bgs	3 - 4		2 - 3			
		Collected Date	10/22/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category VOA	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPTHYLENE	4700			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			ND		ND	1
	ANTHRACENE	23000			ND		ND	
	FLUORANTHENE	3100			ND		ND	1
	PYRENE	2300			ND		ND	1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			7			
		PRA Description			FRMR 1000-GAL A	T/UT;FRMR	TRASH STORAGE A	REA
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	LUC-ASB005-70002		LUC-ASB007-71001		LUC-ASB006-40001	
		Depth - ft bgs	3 - 4		2 - 3		0 - 1	
		Collected Date	10/22/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87			ND		ND	
	BENZO(B)FLUORANTHENE	.87			ND		ND	
	CHRYSENE	87			ND		ND	
	BENZO(K)FLUORANTHENE	8.7			ND		ND	
	BENZO(A)PYRENE	.087			ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087			ND		ND	
	BENZO(GHI)PERYLENE	2300			ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87			ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		0.17	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31			ND		ND	
	BARIUM, TOTAL	5500			34.3		69.2	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			7			
		PRA Description			FRMR 1000-GAL A	T/UT;FRMR	TRASH STORAGE A	REA
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	LUC-ASB005-70002		LUC-ASB007-71001		LUC-ASB006-40001	
		Depth - ft bgs				0 - 1		
		Collected Date	10/22/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160			ND		1.7	
	CADMIUM, TOTAL	39			ND		ND	
	CHROMIUM, TOTAL	230			6.8		14.2	
	LEAD, TOTAL	400			ND		32.1	
	NICKEL, TOTAL	1600			20.2		29.1	
	MERCURY, TOTAL	20			ND		0.52	
	ARSENIC, TOTAL	.43	42.0	X	14.3	X	42.3	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB006-70001		LUC-ASB006-70002	}	LUC-ASB006-70003	
		Depth - ft bgs	2 - 3		3 - 4		10 - 11	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB006-70001		LUC-ASB006-70002	2	LUC-ASB006-70003	j .
		Depth - ft bgs	2 - 3		3 - 4		10 - 11	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	37.6		35.3		77.4	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB006-70001		LUC-ASB006-70002		LUC-ASB006-70003	;
		Depth - ft bgs	2 - 3		3 - 4		10 - 11	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	1.1		1.3		1.3	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	6.0		5.9		12.0	
	LEAD, TOTAL	400	21.5		22.7		35.3	
	NICKEL, TOTAL	1600	23.7		26.2		32.3	
	MERCURY, TOTAL	20	0.34		0.36		ND	
	ARSENIC, TOTAL	.43	26.4	X	28.0	X	44.9	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB007-40001		LUC-ASB007-70001		LUC-ASB007-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB007-40001		LUC-ASB007-70001	[LUC-ASB007-70002	!
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.13		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	41.5		43.4		36.9	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB007-40001		LUC-ASB007-70001		LUC-ASB007-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND		ND		1.1	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	8.2		9.5		6.6	
	LEAD, TOTAL	400	24.7		ND		26.6	
	NICKEL, TOTAL	1600	22.7		22.5		26.2	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	28.6	X	15.8	X	34.2	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			8			
		PRA Description			12000-GAL WASTE	WATER AT;	FRMR 12000-GAL V	VASTEWATER
		Sample Type			Normal Sample			
		Sample Id	LUC-ASB007-70003		LUC-ASB008-40001		LUC-ASB008-70001	L
		Depth - ft bgs	10 - 11		0 - 1		2 - 3	
		Collected Date	10/20/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85			ND		ND	
	ACETONE	7800			ND		ND	
	TRICHLOROETHYLENE (TCE)	58			ND		ND	
	4-METHYL-2-PENTANONE	6300			ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			8			
		PRA Description			12000-GAL WASTI	EWATER AT;	FRMR 12000-GAL V	VASTEWATE
		Sample Type			Normal Sample			
		Sample Id	LUC-ASB007-70003		LUC-ASB008-40001		LUC-ASB008-70001	[
		Depth - ft bgs	10 - 11		0 - 1		2 - 3	
		Collected Date	10/20/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		0.093		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	68.6		74.8		57.0	1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			8				
		PRA Description			12000-GAL WASTE	WATER AT;	FRMR 12000-GAL V	VASTEWATER	
		Sample Type			Normal Sample	Normal Sample			
		Sample Id	LUC-ASB007-70003		LUC-ASB008-40001 LUC-ASB008-700			001	
		Depth - ft bgs	10 - 11		0 - 1		2 - 3		
				10/19/99					
		Laboratory			SPL				
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160	1.2		ND		ND		
	CADMIUM, TOTAL	39	ND		ND		ND		
	CHROMIUM, TOTAL	230	7.0		11.9		12.4		
	LEAD, TOTAL	400	30.6		32.7 J+		ND		
	NICKEL, TOTAL	1600	20.4		29.5		24.9		
	MERCURY, TOTAL	20	ND		ND		ND		
	ARSENIC, TOTAL	.43	38.9	X	33.1 J+	X	25.2 J+	X	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description	AT					
		Sample Type						
		Sample Id	LUC-ASB008-70002		LUC-ASB009-40001		LUC-ASB009-70001	
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND		ND	
	ACETONE	7800	0.23		ND		ND	
	TRICHLOROETHYLENE (TCE)	58	ND		ND		ND	
	4-METHYL-2-PENTANONE	6300	ND		ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description	AT					
		Sample Type						
		Sample Id	LUC-ASB008-70002		LUC-ASB009-40001		LUC-ASB009-70001	ĺ
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		3.7	X	ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	86.9		81.5		71.9	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description	AT					
		_	AI					
		Sample Type			_			
		Sample Id	LUC-ASB008-70002		LUC-ASB009-40001		LUC-ASB009-70001	
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	15.9		15.9		13.2	
	LEAD, TOTAL	400	ND		32.0 J+		55.8 J+	
	NICKEL, TOTAL	1600	22.4		27.7		36.5	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	15.8 J+	X	38.8 J+	X	62.5 J+	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		IKA			2			
		PRA Description			12000-GAL PIPELI	NE LIQ UT		
		Sample Type			Normal Sample			
		Sample Id	LUC-ASB009-70002		LUC-ASB010-70001	[LUC-ASB010-70002	2
		Depth - ft bgs	3 - 4		8 - 9		9 - 10	
		Collected Date	10/19/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND					
	ACETONE	7800	ND					
	TRICHLOROETHYLENE (TCE)	58	ND					
	4-METHYL-2-PENTANONE	6300	ND					
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			9			
		PRA Description			12000-GAL PIPELI	NE LIQ UT		
		Sample Type			Normal Sample			
		Sample Id	LUC-ASB009-70002		LUC-ASB010-70001		LUC-ASB010-70002 9 - 10 10/21/99 SPL SE Technologies MG/KG Result Flag > CAL* ND ND ND ND ND ND ND N	
		Depth - ft bgs	3 - 4		8 - 9		9 - 10	
		Collected Date	10/19/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND					
	BARIUM, TOTAL	5500	71.1					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			9				
		PRA Description			12000-GAL PIPELI	NE LIQ UT			
		Sample Type			Normal Sample				
		Sample Id	LUC-ASB009-70002		LUC-ASB010-70001		LUC-ASB010-70002	?	
		Depth - ft bgs	3 - 4		8 - 9		9 - 10		
		Collected Date	10/19/99		10/21/99		10/21/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160	ND						
	CADMIUM, TOTAL	39	ND						
	CHROMIUM, TOTAL	230	11.4						
	LEAD, TOTAL	400	44.5 J+						
	NICKEL, TOTAL	1600	33.7						
	MERCURY, TOTAL	20	ND						
	ARSENIC, TOTAL	.43	56.7 J+	X					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

10

PRA

		Sample Type Normal Sample Sample Id LUC-ASB011-70001 LUC-ASB012-70001 Depth - ft bgs 11 - 12 10 - 11 Collected Date 10/21/99 10/21/99 Laboratory SPL SPL Sample Collector SE Technologies SE Technologies Result Units MG/KG MG/KG	IPELINE LIQ	FRMR BURN PIT				
		Sample Type			LUC-ASB012-70001 10 - 11 10/21/99 SPL SE Technologies MG/KG > CAL* Result Flag ND	Field Duplicate (Rep)	
		Sample Id	LUC-ASB011-70001		LUC-ASB012-70001		LUC-ASB013-71001	
		Depth - ft bgs	11 - 12		10 - 11		LUC-ASB013-71001 2 - 3 10/21/99 SPL SE Technologies MG/KG Result Flag > CAL* ND 0.035 J 0.12 J ND 0.33 J ND ND ND ND ND	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		0.035 J	
	XYLENES (TOTAL)	1000000	ND		ND		0.12 J	
	METHYLENE CHLORIDE	85					ND	
	ACETONE	7800					0.33 J	
	TRICHLOROETHYLENE (TCE)	58					ND	
	4-METHYL-2-PENTANONE	6300					ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600					ND	
	ACENAPTHYLENE	4700					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					ND	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: July 10, 2000

11

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			10		11	
		PRA Description			FRMR 5000-GAL P	IPELINE LIQ	FRMR BURN PIT	
		Sample Type			Normal Sample		Field Duplicate (Rep)
		Sample Id	LUC-ASB011-70001		LUC-ASB012-70001		LUC-ASB013-71001	
		Depth - ft bgs	11 - 12		10 - 11		2 - 3	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	
	BENZO(A)PYRENE	.087					ND	
	DIBENZO(A,H)ANTHRACENE	.087					ND	
	BENZO(GHI)PERYLENE	2300					ND	
	INDENO(1,2,3-C,D)PYRENE	.87					ND	
P/PCB	AROCLOR-1016	1	ND		ND		0.49	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		0.69	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31					ND	
	BARIUM, TOTAL	5500					140	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			10		11	
		PRA Description			FRMR 5000-GAL P	PELINE LIQ	FRMR BURN PIT	
		Sample Type			Normal Sample		Field Duplicate (Rep)
		Sample Id	LUC-ASB011-70001		LUC-ASB012-70001		LUC-ASB013-71001	
		Depth - ft bgs	11 - 12		10 - 11		2 - 3	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160					ND	
	CADMIUM, TOTAL	39					ND	
	CHROMIUM, TOTAL	230					11.1 J	
	LEAD, TOTAL	400					ND	
	NICKEL, TOTAL	1600					15.8	
	MERCURY, TOTAL	20					ND	
	ARSENIC, TOTAL	.43					7.1	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		IKA						
		PRA Description						
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB013-40001		LUC-ASB013-70001	3 - 4 10/21/99 SPL SE Technologies MG/KG > CAL* Result Flag ND	2	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		0.014 J		0.015	
	METHYLENE CHLORIDE	85	0.007 J		0.011 J		ND	
	ACETONE	7800	ND		ND		ND	
	TRICHLOROETHYLENE (TCE)	58	ND		ND		ND	
	4-METHYL-2-PENTANONE	6300	ND		ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		1.0	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB013-40001		LUC-ASB013-70001		LUC-ASB013-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		0.68		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.49 J		1.1	X	0.18	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	94.3		135		115	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB013-40001		LUC-ASB013-70001		LUC-ASB013-70002	!
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND		ND		1.3	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	11.8 J		10.2 J		15.2 J	
	LEAD, TOTAL	400	ND		ND		ND	
	NICKEL, TOTAL	1600	18.7		14.4		22.3	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	16.6	X	5.8	X	11.4	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB013-70003		LUC-ASB014-40001		LUC-ASB014-70001	
		Depth - ft bgs	6 - 7		0 - 1		2 - 3	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND		0.023	
	ACETONE	7800	ND		ND		ND	
	TRICHLOROETHYLENE (TCE)	58	ND		ND		ND	
	4-METHYL-2-PENTANONE	6300	ND		ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		0.43		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		0.81		ND	
	PYRENE	2300	ND		0.66		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB013-70003		LUC-ASB014-40001	[LUC-ASB014-70001	[
		Depth - ft bgs	6 - 7		0 - 1		2 - 3	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.045		0.12		0.045	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	134		89.2		154	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB013-70003		LUC-ASB014-40001		LUC-ASB014-70001	
		Depth - ft bgs	6 - 7		0 - 1		2 - 3	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	1.9		1.2		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	13.5 J		12.4 J		9.8 J	
	LEAD, TOTAL	400	40.4 J		ND		ND	
	NICKEL, TOTAL	1600	33.9		18.1		15.3	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	33.6	X	22.3	X	8.4	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description			ESD BLOWDOWN	#1	ESD BLOWDOWN	#2
		Sample Type			Normal Sample		Normal Sample	
		Sample Id	LUC-ASB014-70002		LUC-ASS004-40001		LUC-ASS005-40001	
		Depth - ft bgs	3 - 4		05		Normal Sample LUC-ASS005-40001 05 10/18/99 SPL SE Technologies MG/KG	
		Collected Date	10/21/99		10/18/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND					
	ETHYL BENZENE	7800	ND					
	XYLENES (TOTAL)	1000000	ND					
	METHYLENE CHLORIDE	85	0.030					
	ACETONE	7800	ND					
	TRICHLOROETHYLENE (TCE)	58	ND					
	4-METHYL-2-PENTANONE	6300	ND					
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND					
	ACENAPTHYLENE	4700	ND					
	ACENAPHTHENE	4700	ND					
	FLUORENE	3100	ND					
	PHENANTHRENE	23000	ND					
	ANTHRACENE	23000	ND					
	FLUORANTHENE	3100	ND					
	PYRENE	2300	ND					

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			12		13	
		PRA Description			ESD BLOWDOWN	#1	ESD BLOWDOWN	#2
		Sample Type			Normal Sample		Normal Sample	
		Sample Id	LUC-ASB014-70002		LUC-ASS004-40001	COOWN #1 ESD BLOWDOWN #2 Popular		
		Depth - ft bgs	3 - 4		05		05	
		Collected Date	10/21/99		10/18/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND					
	BENZO(B)FLUORANTHENE	.87	ND					
	CHRYSENE	87	ND					
	BENZO(K)FLUORANTHENE	8.7	ND					
	BENZO(A)PYRENE	.087	ND					
	DIBENZO(A,H)ANTHRACENE	.087	ND					
	BENZO(GHI)PERYLENE	2300	ND					
	INDENO(1,2,3-C,D)PYRENE	.87	ND					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		0.076	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND					
	BARIUM, TOTAL	5500	101					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			12		13	
		PRA Description			ESD BLOWDOWN	#1	ESD BLOWDOWN #2	
		Sample Type			Normal Sample		Normal Sample	
		Sample Id	LUC-ASB014-70002		LUC-ASS004-40001		LUC-ASS005-40001	
		Depth - ft bgs	3 - 4		05		05	
		Collected Date	10/21/99		10/18/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND					
	CADMIUM, TOTAL	39	ND					
	CHROMIUM, TOTAL	230	9.3 J					
	LEAD, TOTAL	400	ND					
	NICKEL, TOTAL	1600	13.7					
	MERCURY, TOTAL	20	ND					
	ARSENIC, TOTAL	.43	9.5	X				

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description	ESD BLOWDOWN	#3	ESD BLOWDOWN	#4	ESD BLOWDOWN	#5
		Sample Type	Normal Sample		Normal Sample		Normal Sample	
		Sample Id	LUC-ASS006-40001		LUC-ASS007-40001		LUC-ASS008-40001	
		Depth - ft bgs	05		05		05	
		Collected Date	10/18/99		10/18/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						1
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	14		15		16	
		PRA Description	ESD BLOWDOWN	#3	ESD BLOWDOWN	#4	ESD BLOWDOWN	#5
		Sample Type	Normal Sample		Normal Sample		Normal Sample	
		Sample Id	LUC-ASS006-40001		LUC-ASS007-40001		LUC-ASS008-40001	
		Depth - ft bgs	05		05		05	
		Collected Date	10/18/99		10/18/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		1.4	X	ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			15		16	
		PRA Description	ESD BLOWDOWN #	#3	ESD BLOWDOWN	#4	ESD BLOWDOWN #5	
		Sample Type	Normal Sample		Normal Sample		Normal Sample	
		Sample Id	LUC-ASS006-40001 05		LUC-ASS007-40001		LUC-ASS008-40001	
		Depth - ft bgs			05		05	
		Collected Date	10/18/99		10/18/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description	ESD BLOWDOWN	#6			STATION BLOWD	OWN
		Sample Type	Field Duplicate (Rep)	Normal Sample		Normal Sample	
		Sample Id	LUC-ASS009-41001		LUC-ASS009-40001		LUC-ASS010-40001	
		Depth - ft bgs	05		05		05	
		Collected Date	10/18/99		10/18/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

17

PRA

		IKA	1 /				10		
		PRA Description					STATION BLOWD	STATION BLOWDOWN	
		Sample Type	Field Duplicate (Rep)	Normal Sample		Normal Sample		
		Sample Id	LUC-ASS009-41001		LUC-ASS009-40001		LUC-ASS010-40001		
		Depth - ft bgs	05		05		05		
		Collected Date	10/18/99		10/18/99		10/18/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)ANTHRACENE	.87							
	BENZO(B)FLUORANTHENE	.87							
	CHRYSENE	87							
	BENZO(K)FLUORANTHENE	8.7							
	BENZO(A)PYRENE	.087							
	DIBENZO(A,H)ANTHRACENE	.087							
	BENZO(GHI)PERYLENE	2300							
	INDENO(1,2,3-C,D)PYRENE	.87							
P/PCB	AROCLOR-1016	1	ND		ND		ND		
	AROCLOR-1221	1	ND		ND		ND		
	AROCLOR-1232	1	ND		ND		ND		
	AROCLOR-1242	1	ND		ND		ND		
	AROCLOR-1248	1	ND		ND		ND		
	AROCLOR-1254	1	ND		ND		ND		
	AROCLOR-1260	1	ND		ND		ND		
METAL	ANTIMONY, TOTAL	31							
	BARIUM, TOTAL	5500							

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

18

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	17				18	
		PRA Description	ESD BLOWDOWN	#6			STATION BLOWDOW Normal Sample LUC-ASS010-40001 05 10/18/99 SPL SE Technologies MG/KG	OWN
		Sample Type	Field Duplicate (Rep) LUC-ASS009-41001 05		Normal Sample		STATION BLOWDO Normal Sample LUC-ASS010-40001 05 10/18/99 SPL SE Technologies MG/KG	
		Sample Id			LUC-ASS009-40001		LUC-ASS010-40001	
		Depth - ft bgs			05		05	
		Collected Date	10/18/99		10/18/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

19

		PRA Description	MAIN ART #1; MA	IN ART #2; E	SD ART			
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS011-40001		LUC-ASS012-40001		LUC-ASS013-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	TRICHLOROETHYLENE (TCE)	58	ND		ND		ND	
	4-METHYL-2-PENTANONE	6300	ND		ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	19					
		PRA Description	MAIN ART #1; MA	IN ART #2; E	SD ART			
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS011-40001		LUC-ASS012-40001		10/26/99 SPL SE Technologies MG/KG Result Flag	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.44		0.078		0.46	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	19					
		PRA Description	MAIN ART #1; MAI	N ART #2; E	SD ART			
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS011-40001 LUC-ASS012-40001 LUC-ASS013-40001					
		Depth - ft bgs	0 - 1 0 - 1 0 - 1		0 - 1			
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

20

			-							
		PRA Description	CAS; AUXILIARY	BLDG; AUX I	BLDG ELECTRICAL PIT					
		Sample Type	Field Duplicate (Rep)	Normal Sample					
		Sample Id	LUC-ASS024-41001		LUC-ASS014-40001		LUC-ASS015-40001	Į		
		Depth - ft bgs	0 - 0		0 - 0		0 - 0			
		Collected Date	10/25/99		10/26/99		10/26/99			
		Laboratory	SPL		SPL		SPL			
		Sample Collector	Field Duplicate (Rep) LUC-ASS024-41001 0 - 0 10/25/99 SPL SE Technologies MG/KG Result Flag 0 0 0 0 0 0 0 0 0 0 0 0 0		SE Technologies		SE Technologies			
		Result Units	MG/KG		MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*		
VOA	TOLUENE	16000								
	ETHYL BENZENE	7800								
	XYLENES (TOTAL)	1000000								
	METHYLENE CHLORIDE	85								
	ACETONE	7800								
	TRICHLOROETHYLENE (TCE)	58								
	4-METHYL-2-PENTANONE	6300								
	ETHYLENE GLYCOL	1000000								
	TRIETHYLENE GLYCOL									
BNA	NAPHTHALENE	1600								
	ACENAPTHYLENE	4700								
	ACENAPHTHENE	4700								
	FLUORENE	3100								
	PHENANTHRENE	23000								
	ANTHRACENE	23000								
	FLUORANTHENE	3100								
1	PYRENE	2300								

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PR A

		PRA	20							
		PRA Description	CAS; AUXILIARY	BLDG; AUX I	BLDG ELECTRICAL PIT					
		Sample Type	Field Duplicate (Rep)	Normal Sample					
		Sample Id	LUC-ASS024-41001		LUC-ASS014-40001		LUC-ASS015-40001			
		Depth - ft bgs	0 - 0		0 - 0		0 - 0			
		Collected Date	10/25/99		10/26/99		10/26/99			
		Laboratory	SPL		SPL		SPL			
		Sample Collector	SE Technologies		SE Technologies		SE Technologies			
		Result Units	MG/KG		MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*		
	BENZO(A)ANTHRACENE	.87								
	BENZO(B)FLUORANTHENE	.87								
	CHRYSENE	87								
	BENZO(K)FLUORANTHENE	8.7								
	BENZO(A)PYRENE	.087								
	DIBENZO(A,H)ANTHRACENE	.087								
	BENZO(GHI)PERYLENE	2300								
	INDENO(1,2,3-C,D)PYRENE	.87								
P/PCB	AROCLOR-1016	1	ND		ND		ND			
	AROCLOR-1221	1	ND		ND		ND			
	AROCLOR-1232	1	ND		ND		ND			
	AROCLOR-1242	1	ND		ND		ND			
	AROCLOR-1248	1	ND		ND		ND			
	AROCLOR-1254	1	31	X	10 J	X	7.7 J	X		
	AROCLOR-1260	1	ND		ND		ND			
METAL	ANTIMONY, TOTAL	31								
	BARIUM, TOTAL	5500								

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	20					
		PRA Description	CAS; AUXILIARY	BLDG; AUX l	BLDG ELECTRICAL	PIT		
		Sample Type	Field Duplicate (Rep) Normal Sample					
		Sample Id	LUC-ASS024-41001		LUC-ASS014-40001		LUC-ASS015-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/25/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS016-40001		LUC-ASS017-40001		LUC-ASS018-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL	SPL			SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS016-40001		LUC-ASS017-40001		LUC-ASS018-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	,					
	BENZO(B)FLUORANTHENE	.87	,					
	CHRYSENE	87	,					
	BENZO(K)FLUORANTHENE	8.7	,					
	BENZO(A)PYRENE	.087	,					
	DIBENZO(A,H)ANTHRACENE	.087	,					
	BENZO(GHI)PERYLENE	2300)					
	INDENO(1,2,3-C,D)PYRENE	.87	,					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	6.2	X	4.1 J	X	15 J	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500)					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS016-40001		LUC-ASS017-40001		LUC-ASS018-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS019-40001		LUC-ASS020-40001		LUC-ASS021-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/26/99		10/25/99		0 - 0 10/25/99 SPL SE Technologies MG/KG	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS019-40001		LUC-ASS020-40001		LUC-ASS021-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/26/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	5.9 J	X	1.9	X	160	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500	1					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS019-40001		LUC-ASS020-40001		LUC-ASS021-40001	
		Depth - ft bgs 0 - 0 0 - 0		0 - 0		0 - 0		
		Collected Date	10/26/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS022-40001		LUC-ASS023-40001		LUC-ASS024-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS022-40001		LUC-ASS023-40001		LUC-ASS024-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	1.6	X	0.91		22	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500)					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS022-40001		LUC-ASS023-40001		LUC-ASS024-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS025-40001		LUC-ASS026-40001		LUC-ASS027-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/25/99		10/25/99		10/25/99 SPL SE Technologies MG/KG	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS025-40001		LUC-ASS026-40001		LUC-ASS027-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	32	X	160	X	110	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS025-40001		LUC-ASS026-40001		LUC-ASS027-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS028-40001		LUC-ASS029-40001		LUC-ASS030-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/28/99		10/28/99		0 - 0 10/25/99 SPL SE Technologies MG/KG	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS028-40001		LUC-ASS029-40001		LUC-ASS030-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/28/99		10/28/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300	1					
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	2.9	X	17	X	9.4	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500	1					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS028-40001		LUC-ASS029-40001		LUC-ASS030-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/28/99		10/28/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS031-40001		LUC-ASS032-40001		LUC-ASS104-40001	
		Depth - ft bgs	0 - 0		0 - 0		05	
		Collected Date	10/25/99		10/25/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
	Analyte TOLUENE ETHYL BENZENE XYLENES (TOTAL) METHYLENE CHLORIDE ACETONE TRICHLOROETHYLENE (TCE) 4-METHYL-2-PENTANONE ETHYLENE GLYCOL TRIETHYLENE GLYCOL NAPHTHALENE ACENAPHTHENE ACENAPHTHENE FLUORENE PHENANTHRENE	Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS031-40001		LUC-ASS032-40001		LUC-ASS104-40001	
		Depth - ft bgs	0 - 0		0 - 0		05	
		Collected Date	10/25/99		10/25/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG Result Flag > CAL*	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	51 J	X	0.90		6.0 J	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS031-40001		LUC-ASS032-40001		LUC-ASS104-40001	
		Depth - ft bgs	0 - 0		0 - 0		05	
		Collected Date	10/25/99		10/25/99		10/18/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description	FRMR DRUM STO	RAGE AREA	#1; SURPLUS EQUI	P AREA #4		
		Sample Type	Field Duplicate (Rep)	Normal Sample			
		Sample Id	LUC-ASS033-41001		LUC-ASS033-40001		LUC-ASS034-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000			ND		ND	
	ETHYL BENZENE	7800			ND		ND	
	XYLENES (TOTAL)	1000000			ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPTHYLENE	4700			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			ND		ND	
	ANTHRACENE	23000			ND		ND	
	FLUORANTHENE	3100			ND		ND	
	PYRENE	2300			ND		ND	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	21					
		PRA Description	FRMR DRUM STO	RAGE AREA	#1; SURPLUS EQUII	P AREA #4		
		Sample Type	Field Duplicate (Rep))	Normal Sample			
		Sample Id	LUC-ASS033-41001		LUC-ASS033-40001		LUC-ASS034-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87			ND		ND	
	BENZO(B)FLUORANTHENE	.87			ND		ND	
	CHRYSENE	87			ND		ND	
	BENZO(K)FLUORANTHENE	8.7			ND		ND	
	BENZO(A)PYRENE	.087			ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087			ND		ND	
	BENZO(GHI)PERYLENE	2300			ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87			ND		ND	
P/PCB	AROCLOR-1016	1			ND		0.73 R	
	AROCLOR-1221	1			ND		0.73 R	
	AROCLOR-1232	1			ND		0.73 R	
	AROCLOR-1242	1			ND		0.73 R	
	AROCLOR-1248	1			ND		0.73 R	
	AROCLOR-1254	1			0.14 J		2.0 J-	X
	AROCLOR-1260	1			ND		0.73 R	
METAL	ANTIMONY, TOTAL	31			ND		ND	
	BARIUM, TOTAL	5500			37.3		42.3	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	21					
		PRA Description	FRMR DRUM STOI	RAGE AREA	#1; SURPLUS EQUII	P AREA #4		
		Sample Type	Field Duplicate (Rep) Normal Sample LUC-ASS033-41001 LUC-ASS033-40001 LUC-ASS034-40001 0 - 1 0 - 1 0 - 1					
		Sample Id			LUC-ASS033-40001		LUC-ASS034-40001	
		Depth - ft bgs			0 - 1		0 - 1	
		Collected Date	10/26/99	10/26/99 10/26/99 10		10/26/99		
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160			ND		ND	
	CADMIUM, TOTAL	39			ND		ND	
	CHROMIUM, TOTAL	230			8.6		9.0	
	LEAD, TOTAL	400			39.6		30.8	
	NICKEL, TOTAL	1600			26.0		26.1	
	MERCURY, TOTAL	20			ND		ND	
	ARSENIC, TOTAL	.43			50.2	X	38.8	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

22

		PRA Description	FRMR DRUM STO	FRMR DRUM STORAGE AREA #2; FRMR DRAINLINE SYSTEM REMED							
		Sample Type	Normal Sample								
		Sample Id	LUC-ASB015-40001		LUC-ASB016-40001		LUC-ASB016-70001				
		Depth - ft bgs	0 - 1		0 - 1		3 - 4				
		Collected Date	10/21/99		10/21/99		10/21/99				
		Laboratory	SPL		SPL		SPL				
		Sample Collector	SE Technologies		SE Technologies		SE Technologies				
		Result Units	MG/KG		MG/KG		MG/KG				
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*			
VOA	TOLUENE	16000	ND		ND		ND				
	ETHYL BENZENE	7800	ND		ND		ND				
	XYLENES (TOTAL)	1000000	ND		ND		ND				
	METHYLENE CHLORIDE	85	ND		0.011		0.009				
	ACETONE	7800	ND		0.14		ND				
	TRICHLOROETHYLENE (TCE)	58	0.006		ND		ND				
	4-METHYL-2-PENTANONE	6300	ND		ND		ND				
	ETHYLENE GLYCOL	1000000									
	TRIETHYLENE GLYCOL										
BNA	NAPHTHALENE	1600	ND		ND		ND				
	ACENAPTHYLENE	4700	ND		ND		ND				
	ACENAPHTHENE	4700	ND		ND		ND				
	FLUORENE	3100	ND		ND		ND				
	PHENANTHRENE	23000	ND		1.1		0.42				
	ANTHRACENE	23000	ND		ND		ND				
	FLUORANTHENE	3100	ND		1.7		0.70				
	PYRENE	2300	ND		1.3		0.56				

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	22					
		PRA Description	FRMR DRUM STO	RAGE AREA	#2; FRMR DRAINLI	NE SYSTEM	REMED	
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB015-40001		LUC-ASB016-40001	[LUC-ASB016-70001	
		Depth - ft bgs	0 - 1		0 - 1		3 - 4	
		Collected Date	10/21/99		10/21/99		10/21/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		0.66		ND	
	BENZO(B)FLUORANTHENE	.87	ND		0.60		ND	
	CHRYSENE	87	ND		0.77		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		0.56		ND	
	BENZO(A)PYRENE	.087	ND		0.65	X	ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		0.40		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	4.1	X	2.2	X	1.1	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	224		77.2		87.7	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	22					
		PRA Description	FRMR DRUM STOP	RAGE AREA	#2; FRMR DRAINLI	NE SYSTEM	REMED	
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB015-40001 LUC-ASB016-40001				LUC-ASB016-70001	
		Depth - ft bgs	0 - 1		3 - 4			
		Collected Date	10/21/99			10/21/99		
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	1.5		1.6		1.5	
	CADMIUM, TOTAL	39	3.4		1.2		ND	
	CHROMIUM, TOTAL	230	18.5 J		11.4 J		10.6 J	
	LEAD, TOTAL	400	49.0 J		73.4 J		35.4 J	
	NICKEL, TOTAL	1600	31.1		41.8		28.3	
	MERCURY, TOTAL	20	0.25		ND		ND	
	ARSENIC, TOTAL	.43	292	X	98.6	X	40.0	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

23

PRA

		PRA Description			DRUM STORAGE	AREA #1	FRMR SOLVENT	FLUSHING ARI
		Sample Type			Normal Sample		Normal Sample	
		Sample Id	LUC-ASB016-70002		LUC-ASS035-40001		LUC-ASB017-40001	l
		Depth - ft bgs	7 - 8		0 - 1		0 - 1	
		Collected Date	10/21/99		10/26/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	0.029		ND		ND	
	ACETONE	7800	ND		ND		ND	
	TRICHLOROETHYLENE (TCE)	58	ND		ND		ND	
	4-METHYL-2-PENTANONE	6300	ND		ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND			
	ACENAPTHYLENE	4700	ND		ND			
	ACENAPHTHENE	4700	ND		ND			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	ND		ND			
	ANTHRACENE	23000	ND		ND			
	FLUORANTHENE	3100	ND		ND			
	PYRENE	2300	ND		ND			

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			23		24	
		PRA Description			DRUM STORAGE	AREA #1	FRMR SOLVENT	FLUSHING ARI
		Sample Type			Normal Sample		Normal Sample	
		Sample Id	LUC-ASB016-70002		LUC-ASS035-40001		LUC-ASB017-40001	ı
		Depth - ft bgs	7 - 8		0 - 1		0 - 1	
		Collected Date	10/21/99		10/26/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND			
	BENZO(B)FLUORANTHENE	.87	ND		ND			
	CHRYSENE	87	ND		ND			
	BENZO(K)FLUORANTHENE	8.7	ND		ND			
	BENZO(A)PYRENE	.087	ND		ND			
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND			
	BENZO(GHI)PERYLENE	2300	ND		ND			
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND			
P/PCB	AROCLOR-1016	1	ND		ND			
	AROCLOR-1221	1	ND		ND			
	AROCLOR-1232	1	ND		ND			
	AROCLOR-1242	1	ND		ND			
	AROCLOR-1248	1	ND		ND			
	AROCLOR-1254	1	0.13		0.21			
	AROCLOR-1260	1	ND		ND			
METAL	ANTIMONY, TOTAL	31	ND		ND			
	BARIUM, TOTAL	5500	50.9		44.1			

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			23		24	
		PRA Description			DRUM STORAGE	AREA #1	FRMR SOLVENT I	FLUSHING ARI
		Sample Type			Normal Sample		Normal Sample	
		Sample Id	LUC-ASB016-70002		LUC-ASS035-40001		LUC-ASB017-40001	
		Depth - ft bgs	7 - 8		0 - 1		0 - 1	
		Collected Date	10/21/99		10/26/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	1.3		ND			
	CADMIUM, TOTAL	39	ND		ND			
	CHROMIUM, TOTAL	230	7.3 J		9.1			
	LEAD, TOTAL	400	ND		45.9			
	NICKEL, TOTAL	1600	24.7		26.3			
	MERCURY, TOTAL	20	ND		ND			
	ARSENIC, TOTAL	.43	29.1	X	37.3	X		

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		1101					123	
		PRA Description	EA				NORTH SCRUBBE	RS
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB017-70001		LUC-ASB017-70002		LUC-ASB018-40001	i
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND			
	ACETONE	7800	ND		ND			
	TRICHLOROETHYLENE (TCE)	58	ND		ND			
	4-METHYL-2-PENTANONE	6300	ND		ND			
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						1
	PHENANTHRENE	23000						1
	ANTHRACENE	23000						1
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: July 10, 2000

25

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					25	
		PRA Description	EA				NORTH SCRUBBE	RS
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB017-70001		LUC-ASB017-70002	ļ.	NORTH SCRUBBERS Normal Sample LUC-ASB018-40001 0 - 1 10/20/99 SPL SE Technologies MG/KG	i.
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1					ND	
	AROCLOR-1221	1					ND	
	AROCLOR-1232	1					ND	
	AROCLOR-1242	1					ND	
	AROCLOR-1248	1					ND	
	AROCLOR-1254	1					ND	
	AROCLOR-1260	1					ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					25	
		PRA Description	EA				NORTH SCRUBBE	RS
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB017-70001		LUC-ASB017-70002		LUC-ASB018-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB018-70001		LUC-ASB018-70002	2	LUC-ASB019-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB018-70001		LUC-ASB018-70002	2	LUC-ASB019-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	Sample Id					
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	ollected Date 10/20/99 10/20/99		10/20/99			
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		1101					20	
		PRA Description					SOUTH SCRUBBE	RS
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB019-70001		LUC-ASB019-70002	2	LUC-ASB020-40001	L
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		0.049		ND	
	XYLENES (TOTAL)	1000000	ND		0.035		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: July 10, 2000

26

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					26	
		PRA Description					SOUTH SCRUBBE	RS
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB019-70001		LUC-ASB019-70002	2	LUC-ASB020-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		0.098		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					26	
		PRA Description					SOUTH SCRUBBE	RS
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB019-70001		LUC-ASB019-70002		LUC-ASB020-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB020-70001		LUC-ASB020-70002	2	LUC-ASB021-40001	l .
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB020-70001		LUC-ASB020-70002	}	LUC-ASB021-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/20/99		10/20/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id				LUC-ASB021-40001			
		Depth - ft bgs 2 - 3 3 - 4		0 - 1					
		Collected Date	Collected Date 10/20/99 10/20/99 1		10/26/99				
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies MG/KG		
		Result Units	MG/KG		MG/KG				
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			27			
		PRA Description			NORTH SEPARAT	ORS		
		Sample Type						
		Sample Id	LUC-ASB021-70001		LUC-ASB022-40001		LUC-ASB022-70001	Ĺ
		Depth - ft bgs	1 - 2.5		0 - 1		2 - 3	
		Collected Date	10/26/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		0.014	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600					ND	
	ACENAPTHYLENE	4700					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	1
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	1
	PYRENE	2300					ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			27			
		PRA Description			NORTH SEPARAT	ORS		
		Sample Type			Normal Sample			
		Sample Id	LUC-ASB021-70001		LUC-ASB022-40001		LUC-ASB022-70001	
		Depth - ft bgs	1 - 2.5		0 - 1		2 - 3	
		Collected Date	10/26/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	
	BENZO(A)PYRENE	.087					ND	
	DIBENZO(A,H)ANTHRACENE	.087					ND	
	BENZO(GHI)PERYLENE	2300					ND	
	INDENO(1,2,3-C,D)PYRENE	.87					ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			27				
		PRA Description			NORTH SEPARAT	ORS			
		Sample Type	Sample Type Normal Sample						
		Sample Id	LUC-ASB021-70001		LUC-ASB022-40001		LUC-ASB022-70001	[
		Depth - ft bgs 1 - 2.5 0 - 1		2 - 3					
		Collected Date	Collected Date 10/26/99 10/20/99		10/20/99	10/20/99			
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB022-70002		LUC-ASB023-40001		LUC-ASB023-70001	ĺ
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/20/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND					
	ACENAPTHYLENE	4700	ND					
	ACENAPHTHENE	4700	ND					
	FLUORENE	3100	ND					
	PHENANTHRENE	23000	ND					
	ANTHRACENE	23000	ND					
	FLUORANTHENE	3100	ND					
	PYRENE	2300	ND					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB022-70002		LUC-ASB023-40001		LUC-ASB023-70001	
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/20/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND					
	BENZO(B)FLUORANTHENE	.87	ND					
	CHRYSENE	87	ND					
	BENZO(K)FLUORANTHENE	8.7	ND					
	BENZO(A)PYRENE	.087	ND					
	DIBENZO(A,H)ANTHRACENE	.087	ND					
	BENZO(GHI)PERYLENE	2300	ND					
	INDENO(1,2,3-C,D)PYRENE	.87	ND					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB022-70002		LUC-ASB023-40001		LUC-ASB023-70001	
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/20/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

28

PRA

		PRA Description			SOUTH SEPARAT	ORS		
		Sample Type			Field Duplicate (Rep	o)	Normal Sample	
		Sample Id	LUC-ASB023-70002	,	LUC-ASB024-71001	[LUC-ASB024-40001	
		Depth - ft bgs	3 - 4		2 - 3		0 - 1	
		Collected Date	10/25/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND					
	ACENAPTHYLENE	4700	ND					
	ACENAPHTHENE	4700	ND					
	FLUORENE	3100	ND					
	PHENANTHRENE	23000	ND					
	ANTHRACENE	23000	ND					
	FLUORANTHENE	3100	ND					
	PYRENE	2300	ND					1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			28			
		PRA Description			SOUTH SEPARATO	ORS		
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	LUC-ASB023-70002		LUC-ASB024-71001		LUC-ASB024-40001	
		Depth - ft bgs	3 - 4		2 - 3		0 - 1	
		Collected Date	10/25/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND					
	BENZO(B)FLUORANTHENE	.87	ND					
	CHRYSENE	87	ND					
	BENZO(K)FLUORANTHENE	8.7	ND					
	BENZO(A)PYRENE	.087	ND					
	DIBENZO(A,H)ANTHRACENE	.087	ND					
	BENZO(GHI)PERYLENE	2300	ND					
	INDENO(1,2,3-C,D)PYRENE	.87	ND					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		0.069		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			28			
		PRA Description			SOUTH SEPARATO	ORS		
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	LUC-ASB023-70002		LUC-ASB024-71001		LUC-ASB024-40001	i .
		Depth - ft bgs	3 - 4		2 - 3		0 - 1	
		Collected Date	10/25/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB024-70001		LUC-ASB024-70002		LUC-ASB024-70003	,
		Depth - ft bgs	2 - 3		3 - 4		5 - 6	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPTHYLENE	4700			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			ND		ND	
	ANTHRACENE	23000			ND		ND	
	FLUORANTHENE	3100			ND		ND	
	PYRENE	2300			ND		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB024-70001		LUC-ASB024-70002	}	LUC-ASB024-70003	j .
		Depth - ft bgs	2 - 3		3 - 4		5 - 6	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87			ND		ND	
	BENZO(B)FLUORANTHENE	.87			ND		ND	
	CHRYSENE	87			ND		ND	
	BENZO(K)FLUORANTHENE	8.7			ND		ND	
	BENZO(A)PYRENE	.087	,		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087			ND		ND	
	BENZO(GHI)PERYLENE	2300)		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87			ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.083		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500	1					1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB024-70001		LUC-ASB024-70002	,	LUC-ASB024-70003	}
		Depth - ft bgs	2 - 3		3 - 4		5 - 6	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB025-40001		LUC-ASB025-70001		LUC-ASB063-40001	[
		Depth - ft bgs	0 - 1		1.5 - 2		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPTHYLENE	4700			ND		ND	
	ACENAPHTHENE	4700			3.0		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			5.5		ND	
	ANTHRACENE	23000			0.93		ND	
	FLUORANTHENE	3100			10		ND	
	PYRENE	2300			10		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB025-40001		LUC-ASB025-70001		LUC-ASB063-4000	ĺ
		Depth - ft bgs	0 - 1		1.5 - 2		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87			4.2	X	ND	
	BENZO(B)FLUORANTHENE	.87			4.6	X	ND	
	CHRYSENE	87			4.8		ND	
	BENZO(K)FLUORANTHENE	8.7			4.4		ND	
	BENZO(A)PYRENE	.087	,		4.9	X	ND	
	DIBENZO(A,H)ANTHRACENE	.087			0.77	X	ND	
	BENZO(GHI)PERYLENE	2300)		3.2		ND	
	INDENO(1,2,3-C,D)PYRENE	.87			3.7	X	ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.22		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500	1					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB025-40001		LUC-ASB025-70001		LUC-ASB063-40001	
		Depth - ft bgs	0 - 1		1.5 - 2		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description					SLUG RECEIVER/	LAUNCHER
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB063-70001		LUC-ASB063-70002	2	LUC-ASB026-40001	-
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/26/99		10/26/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND			
	ACENAPTHYLENE	4700	ND		ND			
	ACENAPHTHENE	4700	ND		ND			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	1.8		ND			
	ANTHRACENE	23000	0.45		ND			
	FLUORANTHENE	3100	2.9		0.40			
	PYRENE	2300	2.4		ND			

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					29	
		PRA Description					SLUG RECEIVER/	LAUNCHER
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB063-70001		LUC-ASB063-70002	2	LUC-ASB026-40001	ĺ .
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/26/99		10/26/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	1.2	X	ND			
	BENZO(B)FLUORANTHENE	.87	1.0	X	ND			
	CHRYSENE	87	1.2		ND			
	BENZO(K)FLUORANTHENE	8.7	0.82		ND			
	BENZO(A)PYRENE	.087	1.1	X	ND			
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND			
	BENZO(GHI)PERYLENE	2300	0.58		ND			
	INDENO(1,2,3-C,D)PYRENE	.87	0.64		ND			
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					29	
		PRA Description					SLUG RECEIVER/	LAUNCHER
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB063-70001		LUC-ASB063-70002		LUC-ASB026-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/26/99		10/26/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		1101					30	
		PRA Description					SLUG CATCHER	
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB026-70001		LUC-ASB026-70002	2	LUC-ASB027-40001	i.
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/22/99		10/22/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: July 10, 2000

30

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					30	
		PRA Description					SLUG CATCHER	
		Sample Type			Normal Sample			
		Sample Id	LUC-ASB026-70001		LUC-ASB026-70002	}	LUC-ASB027-40001	i
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/22/99		10/22/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					30	
		PRA Description					SLUG CATCHER	
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB026-70001		LUC-ASB026-70002		LUC-ASB027-40001	Ĺ
		Depth - ft bgs	2 - 3		3 - 4		0 - 1	
		Collected Date	10/22/99		10/22/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description					MEASUREMENT I	BLDG
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB027-70001		LUC-ASB027-70002	2	LUC-ASS036-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 0	
		Collected Date	10/22/99		10/22/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND			
	ETHYL BENZENE	7800	ND		ND			
	XYLENES (TOTAL)	1000000	ND		ND			
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: July 10, 2000

31

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					31	
		PRA Description					MEASUREMENT I	BLDG
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB027-70001		LUC-ASB027-70002	2	LUC-ASS036-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 0	
		Collected Date	10/22/99		10/22/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		0.39	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					31	
		PRA Description					MEASUREMENT I	BLDG
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB027-70001		LUC-ASB027-70002		LUC-ASS036-40001	
		Depth - ft bgs	2 - 3		3 - 4		0 - 0	
		Collected Date	10/22/99		10/22/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		· · · · · · · · · · · · · · · · · · ·		SE Technologies	SE Technologies			
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS037-40001		LUC-ASS038-40001		LUC-ASS039-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS037-40001		LUC-ASS038-40001		LUC-ASS039-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.092		0.059		0.30	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	LUC-ASS037-40001		LUC-ASS038-40001		LUC-ASS039-40001		
		Depth - ft bgs	0 - 0		0 - 0		0 - 0		
		Collected Date	10/27/99		10/27/99		10/27/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

32

		PRA Description	STAINED AREA					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB028-40001		LUC-ASB028-7000	1	LUC-ASB028-70002	,
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

32

PR A

		PRA	32					
		PRA Description	STAINED AREA					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB028-40001		LUC-ASB028-70001		LUC-ASB028-70002	2
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	32					
		PRA Description	STAINED AREA					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB028-40001 LUC-ASB028-70001 LUC-ASB028-70002					
		Depth - ft bgs	0 - 1 2 - 3 3 - 4		3 - 4			
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	33					
		PRA Description	GRAVEL ACCESS	ROAD				
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS040-40001		LUC-ASS041-40001		LUC-ASS042-40001	.
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/25/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	33					
		PRA Description	GRAVEL ACCESS	ROAD				
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS040-40001		LUC-ASS041-40001		LUC-ASS042-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/25/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.17		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						1

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	33						
		PRA Description	GRAVEL ACCESS	ROAD					
		Sample Type	Normal Sample						
		Sample Id	LUC-ASS040-40001 LUC-ASS041-40001 LU				LUC-ASS042-40001		
		Depth - ft bgs	0 - 1	0 - 1 0 - 1			0 - 1		
		Collected Date	10/26/99		10/25/99		10/26/99		
		Laboratory	SPL		SPL		SPL	SPL SE Technologies MG/KG	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description					SURPLUS EQUIP S	STORAGE ARI
		Sample Type					Normal Sample	
		Sample Id	LUC-ASS043-40001		LUC-ASS044-40001		LUC-ASS045-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: July 10, 2000

34

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					34	
		PRA Description					SURPLUS EQUIP S	STORAGE ARE
		Sample Type					Normal Sample	
		Sample Id	LUC-ASS043-40001		LUC-ASS044-40001		LUC-ASS045-40001	l
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*		> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	1.0		2.0	X	ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					34	
		PRA Description					SURPLUS EQUIP S	STORAGE ARE
		Sample Type					Normal Sample	
		Sample Id					LUC-ASS045-40001	l
		Collected Date 10/26/99 10/27/99 10		0 - 1				
				10/27/99				
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

35

PRA

		PRA Description	Laboratory SPL ample Collector SE Technologies Result Units MG/KG Action Level Result Flag > CAL 16000 ND 7800 ND 1000000 ND 85			TORAGE AR	REA #2	
		Sample Type)	Normal Sample				
		Sample Id	LUC-ASS046-40001		LUC-ASS047-41001		LUC-ASS047-40001	
		Depth - ft bgs	0 - 1		0 - 1	0 - 1 10/26/99 SPL sgies SE Techno MG/KG Flag > CAL* Resul	0 - 1	
		Collected Date	10/27/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category /OA	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPTHYLENE	4700			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			ND		1.1 J	
	ANTHRACENE	23000			ND		ND	
	FLUORANTHENE	3100			ND		1.4 J	
	PYRENE	2300			ND		1.1 J	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			35				
		PRA Description	CA #1		SURPLUS EQUIP S	TORAGE AR	Normal Sample		
		Sample Type			Field Duplicate (Rep)	Normal Sample		
		Sample Id	LUC-ASS046-40001		LUC-ASS047-41001		LUC-ASS047-40001		
		Depth - ft bgs	0 - 1		0 - 1		0 - 1		
		Collected Date	10/27/99		10/26/99		10/26/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG	T	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)ANTHRACENE	.87			ND		0.51		
	BENZO(B)FLUORANTHENE	.87			ND		0.45		
	CHRYSENE	87			ND		0.54		
	BENZO(K)FLUORANTHENE	8.7			ND		0.40		
	BENZO(A)PYRENE	.087			ND		0.47	X	
	DIBENZO(A,H)ANTHRACENE	.087			ND		ND		
	BENZO(GHI)PERYLENE	2300			ND		ND		
	INDENO(1,2,3-C,D)PYRENE	.87			ND		ND		
P/PCB	AROCLOR-1016	1	ND		ND		ND		
	AROCLOR-1221	1	ND		ND		ND		
	AROCLOR-1232	1	ND		ND		ND		
	AROCLOR-1242	1	ND		ND		ND		
	AROCLOR-1248	1	ND		ND		ND		
	AROCLOR-1254	1	ND		ND		ND		
	AROCLOR-1260	1	ND		ND		ND		
METAL	ANTIMONY, TOTAL	31			ND		ND		
	BARIUM, TOTAL	5500			121		124		

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			35			
		PRA Description	EA #1		SURPLUS EQUIP S	URPLUS EQUIP STORAGE AREA #2		
		Sample Type	Sample Type Field Duplicate (Rep) Sample Id LUC-ASS046-40001 LUC-ASS047-41001		Field Duplicate (Rep)		Normal Sample LUC-ASS047-40001	
		Sample Id						
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/27/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160			ND		ND	
	CADMIUM, TOTAL	39			ND		ND	
	CHROMIUM, TOTAL	230			11.6		11.2	
	LEAD, TOTAL	400			51.5		45.5	
	NICKEL, TOTAL	1600			27.3		26.8	
	MERCURY, TOTAL	20			ND		ND	
	ARSENIC, TOTAL	.43			47.2 J	X	25.1 J	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS048-40001		LUC-ASS049-40001		LUC-ASS050-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		0.62	
	FLUORENE	3100	ND		ND		0.57	
	PHENANTHRENE	23000	5.4		0.53		4.5	
	ANTHRACENE	23000	0.97		ND		1.4	
	FLUORANTHENE	3100	9.9		0.91		5.7	
	PYRENE	2300	7.6		0.73		4.3	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS048-40001		LUC-ASS049-40001		LUC-ASS050-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	3.8	X	0.45		2.7	X
	BENZO(B)FLUORANTHENE	.87	4.2	X	0.48		1.8	X
	CHRYSENE	87	4.4		0.45		2.4	
	BENZO(K)FLUORANTHENE	8.7	3.9		ND		1.9	
	BENZO(A)PYRENE	.087	4.4	X	0.47	X	2.2	X
	DIBENZO(A,H)ANTHRACENE	.087	0.70	X	ND		ND	
	BENZO(GHI)PERYLENE	2300	2.8		ND		0.92	
	INDENO(1,2,3-C,D)PYRENE	.87	3.2	X	ND		1.2	X
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.077		0.061		0.37	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	62.8		74.0		84.5	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS048-40001		LUC-ASS049-40001		LUC-ASS050-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	11.0		16.6		14.6	
	LEAD, TOTAL	400	25.3		38.9		51.4	
	NICKEL, TOTAL	1600	23.1		29.9		27.0	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	27.2	X	43.1	X	25.7	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

36

		PRA Description	SURPLUS EQUIP S	TORAGE AR	REA #3			
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS051-40001		LUC-ASS052-40001		LUC-ASS053-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	1.3		ND		ND	
	FLUORENE	3100	1.2		ND		ND	
	PHENANTHRENE	23000	8.7		1.0 J-		ND	
	ANTHRACENE	23000	2.7		ND		ND	
	FLUORANTHENE	3100	9.2		1.2 J-		ND	
	PYRENE	2300	7.0		0.92 J-		ND	

Notes:

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	36					
		PRA Description	SURPLUS EQUIP S	STORAGE AR	EA #3			
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS051-40001		LUC-ASS052-40001		LUC-ASS053-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
1	BENZO(A)ANTHRACENE	.87	4.2	X	0.52 J-		ND	
	BENZO(B)FLUORANTHENE	.87	2.8	X	ND		ND	
	CHRYSENE	87	3.6		0.49 J-		ND	
	BENZO(K)FLUORANTHENE	8.7	2.7		0.42 J-		ND	
	BENZO(A)PYRENE	.087	3.1	X	0.48 J-	X	ND	
	DIBENZO(A,H)ANTHRACENE	.087	0.49	X	ND		ND	
	BENZO(GHI)PERYLENE	2300	1.2		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	1.6	X	ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		1.6	X	0.42	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	120		80.5		93.2	1

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	36					
		PRA Description	SURPLUS EQUIP ST	TORAGE AR	EA #3			
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS051-40001 LUC-ASS052-40001				LUC-ASS053-40001	
		Depth - ft bgs	0 - 1		0 - 1			
		Collected Date	10/26/99		10/26/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	12.9		82.0		ND	
	LEAD, TOTAL	400	ND		42.1		ND	
	NICKEL, TOTAL	1600	22.9		35.7		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	18.4	X	55.8	X	ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

37

PRA

		PRA Description			COOLERS				
		Sample Type			Field Duplicate (Rep) LUC-ASB030-41001 0 - 1 10/27/99 SPL SE Technologies MG/KG	o)	Normal Sample		
		Sample Id	LUC-ASS054-40001		LUC-ASB030-41001	[LUC-ASB029-70001	L	
		Depth - ft bgs	0 - 1		0 - 1		3 - 4		
		Collected Date	10/26/99		10/27/99		10/22/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
VOA	TOLUENE	16000	ND		ND		ND		
	ETHYL BENZENE	7800	ND		ND		ND		
	XYLENES (TOTAL)	1000000	ND		ND		ND		
	METHYLENE CHLORIDE	85							
	ACETONE	7800							
	TRICHLOROETHYLENE (TCE)	58							
	4-METHYL-2-PENTANONE	6300							
	ETHYLENE GLYCOL	1000000							
	TRIETHYLENE GLYCOL								
BNA	NAPHTHALENE	1600	ND				ND		
	ACENAPTHYLENE	4700	ND				ND		
	ACENAPHTHENE	4700	ND				ND		
	FLUORENE	3100	ND				ND		
	PHENANTHRENE	23000	0.98 J				ND		
	ANTHRACENE	23000	ND				ND		
	FLUORANTHENE	3100	1.1 J				ND		
	PYRENE	2300	0.81				ND		

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			37			
		PRA Description			COOLERS			
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	LUC-ASS054-40001		LUC-ASB030-41001		LUC-ASB029-70001	
		Depth - ft bgs	0 - 1		0 - 1		3 - 4	
		Collected Date	10/26/99		10/27/99		10/22/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	0.45				ND	
	BENZO(B)FLUORANTHENE	.87	ND				ND	
	CHRYSENE	87	0.44				ND	
	BENZO(K)FLUORANTHENE	8.7	ND				ND	
	BENZO(A)PYRENE	.087	0.41	X			ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND				ND	
	BENZO(GHI)PERYLENE	2300	ND				ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND				ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.88 J		0.039		0.21	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND					
	BARIUM, TOTAL	5500	96.9					

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			37			
		PRA Description			COOLERS			
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	Sample Id LUC-ASS054-40001 LUC-ASB030-41001			LUC-ASB029-70001		
		Depth - ft bgs	0 - 1		0 - 1	3 - 4		
		Collected Date 10/26/99 10/27/99 10		10/22/99				
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies MG/KG	
		Result Units	MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND					
	CADMIUM, TOTAL	39	ND					
	CHROMIUM, TOTAL	230	12.3					
	LEAD, TOTAL	400	29.6					
	NICKEL, TOTAL	1600	21.6					
	MERCURY, TOTAL	20	1.2					
	ARSENIC, TOTAL	.43	20.6	X	27.5	X	46.9	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id			LUC-ASB029-70002	2		
		Depth - ft bgs			4 - 5			
		Collected Date	10/22/99		10/22/99			
		Laboratory	Severn Trent Labor	atories	Severn Trent Labor	atories	SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000					ND	
	ETHYL BENZENE	7800					ND	
	XYLENES (TOTAL)	1000000					ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000	16000 J		2400			
	TRIETHYLENE GLYCOL		ND		100 J			
BNA	NAPHTHALENE	1600					ND	
	ACENAPTHYLENE	4700					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id			LUC-ASB029-70002	2		
		Depth - ft bgs			4 - 5			
		Collected Date	10/22/99		10/22/99			
		Laboratory	Severn Trent Labora	atories	Severn Trent Labor	atories	SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	,				ND	
	BENZO(B)FLUORANTHENE	.87	,				ND	
	CHRYSENE	87	,				ND	
	BENZO(K)FLUORANTHENE	8.7	,				ND	
	BENZO(A)PYRENE	.087	,				ND	
	DIBENZO(A,H)ANTHRACENE	.087	,				ND	
	BENZO(GHI)PERYLENE	2300)				ND	
	INDENO(1,2,3-C,D)PYRENE	.87	,				ND	
P/PCB	AROCLOR-1016	1					ND	
	AROCLOR-1221	1					ND	
	AROCLOR-1232	1					ND	
	AROCLOR-1242	1					ND	
	AROCLOR-1248	1					ND	
	AROCLOR-1254	1					ND	
	AROCLOR-1260	1					ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id			LUC-ASB029-70002	2		
		Depth - ft bgs			4 - 5			
		Collected Date	10/22/99		10/22/99			
		Laboratory	Severn Trent Labora	atories	Severn Trent Labor	atories	SPL	
		Sample Collector SE Technologies		SE Technologies		SE Technologies MG/KG		
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43					31.8	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB030-40001		LUC-ASB030-70001	-	LUC-ASB030-70002	?
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPTHYLENE	4700			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			ND		ND	
	ANTHRACENE	23000			ND		ND	
	FLUORANTHENE	3100			ND		ND	
	PYRENE	2300			ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB030-40001		LUC-ASB030-70001	[LUC-ASB030-70002	!
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87			ND		ND	
	BENZO(B)FLUORANTHENE	.87			ND		ND	
	CHRYSENE	87			ND		ND	
	BENZO(K)FLUORANTHENE	8.7			ND		ND	
	BENZO(A)PYRENE	.087	,		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087			ND		ND	
	BENZO(GHI)PERYLENE	2300)		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87			ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500	1					1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB030-40001		LUC-ASB030-70001		LUC-ASB030-70002	}
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies MG/KG	
		Result Units	MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	25.7	X	21.0	X	23.1	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB031-40001		LUC-ASB031-70001		LUC-ASB031-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPTHYLENE	4700			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			ND		ND	
	ANTHRACENE	23000			ND		ND	
	FLUORANTHENE	3100			ND		ND	
	PYRENE	2300			ND		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB031-40001		LUC-ASB031-70001		LUC-ASB031-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87			ND		ND	
	BENZO(B)FLUORANTHENE	.87			ND		ND	
	CHRYSENE	87			ND		ND	
	BENZO(K)FLUORANTHENE	8.7			ND		ND	
	BENZO(A)PYRENE	.087			ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087			ND		ND	
	BENZO(GHI)PERYLENE	2300			ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87			ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB031-40001		LUC-ASB031-70001		LUC-ASB031-70002	2
				3 - 4				
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	46.2	X	39.0	X	28.3	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB032-40001		LUC-ASB032-70001		LUC-ASB032-70002	!
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPTHYLENE	4700			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			ND		ND	
	ANTHRACENE	23000			ND		ND	
	FLUORANTHENE	3100			ND		ND	
	PYRENE	2300			ND		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB032-40001		LUC-ASB032-70001	[LUC-ASB032-70002	2
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87			ND		ND	
	BENZO(B)FLUORANTHENE	.87			ND		ND	
	CHRYSENE	87			ND		ND	
	BENZO(K)FLUORANTHENE	8.7			ND		ND	
	BENZO(A)PYRENE	.087	,		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087			ND		ND	
	BENZO(GHI)PERYLENE	2300)		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87			ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		0.40	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500	1					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB032-40001		LUC-ASB032-70001		LUC-ASB032-70002	2
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	35.8	X	29.8	X	31.3	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB033-40001		LUC-ASB033-70001		LUC-ASB033-70002	!
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB033-40001		LUC-ASB033-70001		LUC-ASB033-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	0.038 R		ND		ND	
	AROCLOR-1221	1	0.038 R		ND		ND	
	AROCLOR-1232	1	0.038 R		ND		ND	
	AROCLOR-1242	1	0.038 R		ND		ND	
	AROCLOR-1248	1	0.038 R		ND		ND	
	AROCLOR-1254	1	0.068 J-		0.048		ND	
	AROCLOR-1260	1	0.038 R		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB033-40001		LUC-ASB033-70001		LUC-ASB033-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	37.8	X	34.3	X	36.3	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS055-40001		LUC-ASS056-40001		LUC-ASS057-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
	Analyte TOLUENE ETHYL BENZENE XYLENES (TOTAL) METHYLENE CHLORIDE ACETONE TRICHLOROETHYLENE (TCE) 4-METHYL-2-PENTANONE ETHYLENE GLYCOL TRIETHYLENE GLYCOL	Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS055-40001		LUC-ASS056-40001		LUC-ASS057-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.59 J		0.058		0.044	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS055-40001		LUC-ASS056-40001		LUC-ASS057-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description					CLARK ENGINE C	OOLERS
		Sample Type					Field Duplicate (Rep)
		Sample Id	LUC-ASS058-40001		LUC-ASS059-40001		LUC-ASB036-41001	i.
		Depth - ft bgs	0 - 0		0 - 0		0 - 1	
		Collected Date	10/27/99		10/27/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000					ND	
	ETHYL BENZENE	7800					ND	
	XYLENES (TOTAL)	1000000					ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: July 10, 2000

38

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					38	
		PRA Description					CLARK ENGINE C	OOLERS
		Sample Type					Field Duplicate (Rep)
		Sample Id	LUC-ASS058-40001		LUC-ASS059-40001		LUC-ASB036-41001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 1	
		Collected Date	10/27/99		10/27/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND			
	AROCLOR-1221	1	ND		ND			
	AROCLOR-1232	1	ND		ND			
	AROCLOR-1242	1	ND		ND			
	AROCLOR-1248	1	ND		ND			
	AROCLOR-1254	1	ND		ND			
	AROCLOR-1260	1	ND		ND			
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					38	
		PRA Description					CLARK ENGINE C	COOLERS
		Sample Type					Field Duplicate (Rep))
		Sample Id	LUC-ASS058-40001		LUC-ASS059-40001		LUC-ASB036-41001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 1	
		Collected Date	10/27/99		10/27/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43					110	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB036-40001		LUC-ASB036-70001		LUC-ASB036-70002	2
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/25/99		10/25/99		10/25/99	
		PRA Description Sample Type Sample Id Depth - ft bgs Collected Date Laboratory Sample Collector Result Units Action Level 16000 7800 1000000 85 7800 1000000 1000000 1000000 1000000 1000000	SPL		SPL		SPL	
	Analyte TOLUENE ETHYL BENZENE XYLENES (TOTAL) METHYLENE CHLORIDE ACETONE TENCHU OROETHYLENE (TCE)	Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						†

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB036-40001		LUC-ASB036-70001	[LUC-ASB036-70002	2
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1						
	AROCLOR-1221	1						
	AROCLOR-1232	1						
	AROCLOR-1242	1						
	AROCLOR-1248	1						
	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	ANTIMONY, TOTAL	31						1
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB036-40001		LUC-ASB036-70001		LUC-ASB036-70002	ļ
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	151	X	181	X	75.2	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB037-40001		LUC-ASB037-70001		LUC-ASB037-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB037-40001		LUC-ASB037-70001	1	LUC-ASB037-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1						
	AROCLOR-1221	1						
	AROCLOR-1232	1						
	AROCLOR-1242	1						
	AROCLOR-1248	1						
	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB037-40001		LUC-ASB037-70001		LUC-ASB037-70002	?
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/25/99		10/25/99		10/25/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	14.3	X	69.7	X	26.9	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description	ELECTRICAL VAU	LT #1	ELECTRICAL VAI	U LT #2	ELECTRICAL VAU	JLT #3
		Sample Type	Normal Sample		Normal Sample		Normal Sample	
		Sample Id	LUC-ASS060-40001		LUC-ASS061-40001		LUC-ASS062-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/28/99		10/28/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

39

PRA

		1101			70		7.1	
		PRA Description	ELECTRICAL VAU	J LT #1	ELECTRICAL VA	ULT #2	ELECTRICAL VAL	JLT #3
		Sample Type	Normal Sample		Normal Sample		Normal Sample	
		Sample Id	LUC-ASS060-40001		LUC-ASS061-40001		LUC-ASS062-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/28/99		10/28/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.15		ND		ND	1
	AROCLOR-1260	1	ND		ND		ND	1
METAL	ANTIMONY, TOTAL	31						1
	BARIUM, TOTAL	5500						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: July 10, 2000

41

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	39		40		41	
		PRA Description	ELECTRICAL VAU	LT #1	ELECTRICAL VAU	LT #2	ELECTRICAL VAULT #3	
		Sample Type	Normal Sample		Normal Sample		Normal Sample	
		Sample Id	LUC-ASS060-40001 LUC-ASS061-40001 L		LUC-ASS062-40001	LUC-ASS062-40001		
		Depth - ft bgs	0 - 0		0 - 0			
		Collected Date	10/28/99		10/28/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43		_				

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

44

PRA

42

		1101	12					
		PRA Description ELECTRICAL VAULT #4 COMPRESSOR BLDG Sample Type Normal Sample Normal Sample	DG					
		Sample Type	Normal Sample		Normal Sample			
		Sample Id	LUC-ASS063-40001		LUC-ASS064-40001		LUC-ASS065-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/28/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

44

42

PRA

		IKA	42		44			
		PRA Description	-	COMPRESSOR BL	DG			
		Sample Type	Normal Sample		Normal Sample			
		Sample Id	LUC-ASS063-40001		LUC-ASS064-40001		LUC-ASS065-40001	
		Depth - ft bgs	0 - 0		0 - 0		LUC-ASS065-40001 0 - 0 10/27/99 SPL SE Technologies MG/KG Result Flag ND	
		Collected Date	10/28/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		2.2	X	1.7	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						1
	BARIUM, TOTAL	5500						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	42 FLECTRICAL VALUET #4	44					
		PRA Description	ELECTRICAL VAU	JLT #4	COMPRESSOR BL	DG			
		Sample Type			Normal Sample		LUC-ASS065-40001 0 - 0 10/27/99 SPL SE Technologies MG/KG Result Flag > CAI		
		Sample Id			LUC-ASS065-40001				
		Depth - ft bgs			0 - 0				
		Collected Date	10/28/99		10/27/99		10/27/99		
		Laboratory	SPL		SPL		SPL	1	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS066-40001		LUC-ASS067-40001		LUC-ASS068-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS066-40001		LUC-ASS067-40001		LUC-ASS068-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	3.1 J	X	0.34		0.48	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id					LUC-ASS068-40001	
				0 - 0				
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS069-40001		LUC-ASS070-40001		LUC-ASS071-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS069-40001		LUC-ASS070-40001		LUC-ASS071-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	lyte Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	,					
	BENZO(B)FLUORANTHENE	.87	,					
	CHRYSENE	87	,					
	BENZO(K)FLUORANTHENE	8.7	,					
	BENZO(A)PYRENE	.087	,					
	DIBENZO(A,H)ANTHRACENE	.087	,					
	BENZO(GHI)PERYLENE	2300)					
	INDENO(1,2,3-C,D)PYRENE	.87	,					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	2.0	X	0.93		1.1 J	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500)					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS069-40001		LUC-ASS070-40001		LUC-ASS071-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS072-40001		LUC-ASS073-40001		LUC-ASS074-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS072-40001		LUC-ASS073-40001		LUC-ASS074-40001	-
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087	,					
	DIBENZO(A,H)ANTHRACENE	.087	,					
	BENZO(GHI)PERYLENE	2300)					
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	1.1 J	X	0.63 J		0.34	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500)					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS072-40001		LUC-ASS073-40001		LUC-ASS074-40001	
		Depth - ft bgs 0 - 0 0 - 0		0 - 0	- 0			
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS075-40001		LUC-ASS076-40001		LUC-ASS077-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS075-40001		LUC-ASS076-40001		LUC-ASS077-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	5.2	X	10 J	X	59	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	LUC-ASS075-40001		LUC-ASS076-40001		LUC-ASS077-40001		
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	- 0	
		Collected Date	10/27/99		10/27/99		10/27/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS078-40001		LUC-ASS081-40001		LUC-ASS082-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS078-40001		LUC-ASS081-40001		LUC-ASS082-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	,					
	BENZO(B)FLUORANTHENE	.87	,					
	CHRYSENE	87	,					
	BENZO(K)FLUORANTHENE	8.7	,					
	BENZO(A)PYRENE	.087	,					
	DIBENZO(A,H)ANTHRACENE	.087	,					
	BENZO(GHI)PERYLENE	2300)					
	INDENO(1,2,3-C,D)PYRENE	.87	,					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.71		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS078-40001		LUC-ASS081-40001		LUC-ASS082-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20		_				
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS083-40001		LUC-ASS084-40001		LUC-ASS085-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS083-40001		LUC-ASS084-40001		LUC-ASS085-40001	-
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.74		0.062		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500)					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS083-40001		LUC-ASS084-40001		LUC-ASS085-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS086-40001		LUC-ASS087-40001		LUC-ASS088-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/28/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS086-40001		LUC-ASS087-40001		LUC-ASS088-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/28/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300)					
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.22		9.0	X	ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500)					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS086-40001		LUC-ASS087-40001		LUC-ASS088-40001	
		Depth - ft bgs 0 - 0 0 - 0		0 - 0				
		Collected Date	10/27/99		10/28/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS089-40001		LUC-ASS090-40001		LUC-ASS091-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS089-40001		LUC-ASS090-40001		LUC-ASS091-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	,					
	BENZO(B)FLUORANTHENE	.87	,					
	CHRYSENE	87	,					
	BENZO(K)FLUORANTHENE	8.7	,					
	BENZO(A)PYRENE	.087	,					
	DIBENZO(A,H)ANTHRACENE	.087	,					
	BENZO(GHI)PERYLENE	2300)					
	INDENO(1,2,3-C,D)PYRENE	.87	,					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.12		ND		0.22	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASS089-40001		LUC-ASS090-40001		LUC-ASS091-40001	
		Depth - ft bgs 0 - 0 0 - 0		0 - 0				
		Collected Date	10/27/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

45

PRA

		PRA Description			REGULATOR BLD	OG		
		Sample Type			Normal Sample			
		Sample Id	LUC-ASS111-40001		LUC-ASS092-40001		LUC-ASS093-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/28/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			45			
		PRA Description			REGULATOR BLD	G		
		Sample Type			Normal Sample			
		Sample Id	LUC-ASS111-40001		LUC-ASS092-40001		LUC-ASS093-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	10/28/99		10/27/99		10/27/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.19 J+		0.095		0.064	
	AROCLOR-1260	1	0.29		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			45			
		PRA Description			REGULATOR BLD	G		
		Sample Type			Normal Sample			
		Sample Id	LUC-ASS111-40001		LUC-ASS092-40001		LUC-ASS093-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	Collected Date 10/28/99 10/27/99		10/27/99			
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

46

		PRA Description	SUBSTATION/GAF	JBSTATION/GARAGE BLDG & FLOOR DRAIN OUTFALL							
		Sample Type	Normal Sample								
		Sample Id	LUC-ASS094-40001		LUC-ASS095-40001		LUC-ASS098-40001				
		Depth - ft bgs	0 - 0		0 - 0		0 - 1				
		Collected Date	10/28/99		10/28/99		10/26/99				
		Laboratory	SPL		SPL		SPL				
		Sample Collector	SE Technologies		SE Technologies		SE Technologies				
		Result Units	MG/KG		MG/KG		MG/KG				
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*			
VOA	TOLUENE	16000					ND				
	ETHYL BENZENE	7800					ND				
	XYLENES (TOTAL)	1000000					ND				
	METHYLENE CHLORIDE	85					ND				
	ACETONE	7800					ND				
	TRICHLOROETHYLENE (TCE)	58					ND				
	4-METHYL-2-PENTANONE	6300					ND				
	ETHYLENE GLYCOL	1000000									
	TRIETHYLENE GLYCOL										
BNA	NAPHTHALENE	1600					1.4				
	ACENAPTHYLENE	4700					0.62				
	ACENAPHTHENE	4700					2.3				
	FLUORENE	3100					3.4				
	PHENANTHRENE	23000					44				
	ANTHRACENE	23000					8.5	 			
	FLUORANTHENE	3100					65				
	PYRENE	2300					50	1			

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	46					
		PRA Description	SUBSTATION/GAR	RAGE BLDG	& FLOOR DRAIN OU	JTFALL		
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS094-40001		LUC-ASS095-40001		LUC-ASS098-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 1	
		Collected Date	10/28/99		10/28/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87					23	X
	BENZO(B)FLUORANTHENE	.87					22	X
	CHRYSENE	87					26	
	BENZO(K)FLUORANTHENE	8.7					20	X
	BENZO(A)PYRENE	.087					26	X
	DIBENZO(A,H)ANTHRACENE	.087					3.7	X
	BENZO(GHI)PERYLENE	2300					15	
	INDENO(1,2,3-C,D)PYRENE	.87					18	X
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		0.17	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31					ND	
	BARIUM, TOTAL	5500					84.4	1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	46					
		PRA Description	SUBSTATION/GAR	AGE BLDG	& FLOOR DRAIN OU	TFALL		
		Sample Type	Normal Sample					
		Sample Id	LUC-ASS094-40001 LUC-ASS095-40001 L				LUC-ASS098-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 1	
		Collected Date	10/28/99		10/28/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies MG/KG	
		Result Units	MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160					ND	
	CADMIUM, TOTAL	39					2.9	
	CHROMIUM, TOTAL	230					44.8	
	LEAD, TOTAL	400					51.9	
	NICKEL, TOTAL	1600					22.0	
	MERCURY, TOTAL	20					1.6	
	ARSENIC, TOTAL	.43					19.8	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

47

		PRA Description	LINE HEATER					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB038-40001		LUC-ASB038-70001	[LUC-ASB038-70002	
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

47

PR A

		PRA	47					
		PRA Description	LINE HEATER					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB038-40001		LUC-ASB038-70001		LUC-ASB038-70002	2
		Depth - ft bgs	0 - 1		2 - 3		3 - 4	
		Collected Date	10/20/99		10/20/99		10/20/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	47						
		PRA Description	LINE HEATER						
		Sample Type	Normal Sample						
		Sample Id	LUC-ASB038-40001	LUC-ASB038-40001 LUC-ASB038-70001 LUC-ASB					
		Depth - ft bgs	0 - 1 2 - 3			3 - 4			
		Collected Date	10/20/99		10/20/99		10/20/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

48

		1101	10					
		PRA Description	SEPTIC SYSTEM					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB039-70001		LUC-ASB040-40001		LUC-ASB040-70001 2 - 3 10/19/99 SPL SE Technologies MG/KG Result Flag > CAL*	
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	D1 > CAL*
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND					
	ETHYL BENZENE	7800	ND					
	XYLENES (TOTAL)	1000000	ND					
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND					
	ACENAPTHYLENE	4700	ND					
	ACENAPHTHENE	4700	ND					
	FLUORENE	3100	ND					
	PHENANTHRENE	23000	ND					
	ANTHRACENE	23000	ND					
	FLUORANTHENE	3100	ND					
	PYRENE	2300	ND					1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

18

PR A

		PRA	48					
		PRA Description	SEPTIC SYSTEM					
		Sample Type	Normal Sample					
		Sample Id	LUC-ASB039-70001		LUC-ASB040-40001	1	LUC-ASB040-70001 2 - 3 10/19/99 SPL SE Technologies MG/KG * Result Flag > CAI	Į.
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND					
	BENZO(B)FLUORANTHENE	.87	ND					
	CHRYSENE	87	ND					
	BENZO(K)FLUORANTHENE	8.7	ND					
	BENZO(A)PYRENE	.087	ND					
	DIBENZO(A,H)ANTHRACENE	.087	ND					
	BENZO(GHI)PERYLENE	2300	ND					
	INDENO(1,2,3-C,D)PYRENE	.87	ND					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		0.046	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND					
	BARIUM, TOTAL	5500	76.9					

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	48					
		PRA Description	SEPTIC SYSTEM					
		Sample Type	Normal Sample LUC-ASB039-70001 LUC-ASB040-40001 L				LUC-ASB040-70001 2 - 3 10/19/99 SPL SE Technologies MG/KG Result Flag > CAL*	
		Sample Id					LUC-ASB040-70001	
		Depth - ft bgs	3 - 4 0 - 1 2 -		2 - 3			
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND					
	CADMIUM, TOTAL	39	ND					
	CHROMIUM, TOTAL	230	10.9					
	LEAD, TOTAL	400	35.6					
	NICKEL, TOTAL	1600	31.0					
	MERCURY, TOTAL	20	ND					
	ARSENIC, TOTAL	.43	37.3	X				

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB041-40001		LUC-ASB041-70001	[LUC-ASB042-40001	
		Depth - ft bgs	0 - 1		2 - 3		0 - 1	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB041-40001		LUC-ASB041-70001		LUC-ASB042-40001	-
		Depth - ft bgs	0 - 1		2 - 3		0 - 1	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	,					
	BENZO(B)FLUORANTHENE	.87	,					
	CHRYSENE	87	,					
	BENZO(K)FLUORANTHENE	8.7	,					
	BENZO(A)PYRENE	.087	,					
	DIBENZO(A,H)ANTHRACENE	.087	,					
	BENZO(GHI)PERYLENE	2300)					
	INDENO(1,2,3-C,D)PYRENE	.87	,					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.042		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB041-40001		LUC-ASB041-70001		LUC-ASB042-40001	
		Depth - ft bgs	0 - 1		2 - 3		0 - 1	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB042-70001		LUC-ASB043-40001		LUC-ASB043-70001	
		Depth - ft bgs	2 - 3		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000						
	ETHYL BENZENE	7800						
	XYLENES (TOTAL)	1000000						
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600						
	ACENAPTHYLENE	4700						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB042-70001		LUC-ASB043-40001		LUC-ASB043-70001	l .
		Depth - ft bgs	2 - 3		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						
	DIBENZO(A,H)ANTHRACENE	.087						
	BENZO(GHI)PERYLENE	2300						
	INDENO(1,2,3-C,D)PYRENE	.87						
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		0.50		ND	
	AROCLOR-1260	1	ND		ND		ND	1
METAL	ANTIMONY, TOTAL	31						
	BARIUM, TOTAL	5500						1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	LUC-ASB042-70001		LUC-ASB043-40001		LUC-ASB043-70001		
		Depth - ft bgs	2 - 3		0 - 1		2 - 3		
		Collected Date	10/19/99		10/19/99		10/19/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

49

		PRA Description	FRMR POND AREA	1				
		Sample Type	Field Duplicate (Rep)	Normal Sample			
		Sample Id	LUC-ASB046-71001		LUC-ASB044-40001	[LUC-ASB044-70001	-
		Depth - ft bgs	2 - 3		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	TRICHLOROETHYLENE (TCE)	58	ND		0.008		ND	
	4-METHYL-2-PENTANONE	6300	ND		ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PR A

		PRA	49					
		PRA Description	FRMR POND AREA	1				
		Sample Type	Field Duplicate (Rep))	Normal Sample		ND N	
		Sample Id	LUC-ASB046-71001 LUC-ASB044-40001		LUC-ASB044-70001			
		Depth - ft bgs	2 - 3		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.31 J		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	69.4		63.5		79.5	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	49						
		PRA Description	FRMR POND AREA						
		Sample Type	Field Duplicate (Rep)		Normal Sample				
		Sample Id			LUC-ASB044-70001				
		Depth - ft bgs			2 - 3				
		Collected Date	10/19/99		10/19/99		10/19/99	0/19/99	
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160	ND		ND		ND		
	CADMIUM, TOTAL	39	ND		ND		ND		
	CHROMIUM, TOTAL	230	7.7		10.9		11.3		
	LEAD, TOTAL	400	30.7 J		47.8		54.2		
	NICKEL, TOTAL	1600	25.0		33.2		38.2		
	MERCURY, TOTAL	20	ND		ND		ND		
	ARSENIC, TOTAL	.43	25.9 J	X	66.5	X	74.9	X	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB044-70002		LUC-ASB045-40001		LUC-ASB045-70001	
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	TRICHLOROETHYLENE (TCE)	58	ND		ND		ND	
	4-METHYL-2-PENTANONE	6300	ND		ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB044-70002		LUC-ASB045-40001	[LUC-ASB045-70001	
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		0.23		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	73.7		85.6		78.6	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB044-70002		LUC-ASB045-40001		LUC-ASB045-70001	
		Depth - ft bgs 3 - 4 0 - 1 2 -		2 - 3				
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	12.9		13.7		11.8	
	LEAD, TOTAL	400	37.6		37.5		49.9	
	NICKEL, TOTAL	1600	29.2		29.7		32.3	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	52.0	X	38.1	X	68.8	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB045-70002		LUC-ASB046-40001		LUC-ASB046-70001	ĺ
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	0.058 J		0.009 J		0.010	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	TRICHLOROETHYLENE (TCE)	58	0.009 J		0.011 J		ND	
	4-METHYL-2-PENTANONE	6300	ND		ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB045-70002		LUC-ASB046-40001	[LUC-ASB046-70001	ĺ
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		5.4	X	0.11 J	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	94.0		99.0		81.1	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB045-70002		LUC-ASB046-40001		LUC-ASB046-70001	
		Depth - ft bgs	3 - 4		0 - 1		2 - 3	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	12.1		11.7		12.0	
	LEAD, TOTAL	400	71.8		32.7		71.1 J	
	NICKEL, TOTAL	1600	42.3		24.0		40.4	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	119	X	28.2	X	54.0 J	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description		RAGE AREA	E AREA #3			
		Sample Type			Field Duplicate (Rep))	Normal Sample	
		Sample Id	LUC-ASB046-70002	2	LUC-ASB047-41001		Normal Sample	
		Depth - ft bgs	3 - 4		0 - 1		0 - 1	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	0.017 J		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	TRICHLOROETHYLENE (TCE)	58	ND		ND		ND	
	4-METHYL-2-PENTANONE	6300	ND		ND		ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	1
	ANTHRACENE	23000	ND		ND		ND	1
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			50			
		PRA Description			FRMR DRUM STO	RAGE AREA	#3	
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	LUC-ASB046-70002		LUC-ASB047-41001		LUC-ASB047-40001	[
		Depth - ft bgs	3 - 4		0 - 1		0 - 1	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	0.049		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	71.9		68.5		62.7	1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			50				
		PRA Description			FRMR DRUM STO	FRMR DRUM STORAGE AREA #3			
		Sample Type			Field Duplicate (Rep)	Normal Sample		
		Sample Id	LUC-ASB046-70002		LUC-ASB047-41001		LUC-ASB047-40001		
		Depth - ft bgs	3 - 4		0 - 1		0 - 1		
		Collected Date	10/19/99		10/19/99		10/19/99		
		Laboratory	SPL		SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BERYLLIUM, TOTAL	160	ND		ND		ND		
	CADMIUM, TOTAL	39	ND		ND		ND		
	CHROMIUM, TOTAL	230	12.8		10.9		12.0		
	LEAD, TOTAL	400	67.2		43.7 J+		32.2 J+		
	NICKEL, TOTAL	1600	43.4		28.7		25.9		
	MERCURY, TOTAL	20	ND		ND		ND		
	ARSENIC, TOTAL	.43	62.0	X	46.9 J+	X	37.3 J+	X	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		PRA Description					OIL/WATER SEPA	RATOR
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB047-70001		LUC-ASB047-70002	2	LUC-ASB048-70001	L .
		Depth - ft bgs	2 - 3		3 - 4		5 - 6	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND		ND		ND	
	ETHYL BENZENE	7800	ND		ND		ND	
	XYLENES (TOTAL)	1000000	ND		ND		ND	
	METHYLENE CHLORIDE	85	ND		ND			
	ACETONE	7800	ND		ND			
	TRICHLOROETHYLENE (TCE)	58	ND		ND			
	4-METHYL-2-PENTANONE	6300	ND		ND			
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPTHYLENE	4700	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

51

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					51	
		PRA Description					OIL/WATER SEPA	RATOR
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB047-70001		LUC-ASB047-70002	2	LUC-ASB048-70001	
		Depth - ft bgs	2 - 3		3 - 4		5 - 6	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZO(A)PYRENE	.087	ND		ND		ND	
	DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
	BENZO(GHI)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-C,D)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		ND		ND	1
	AROCLOR-1260	1	ND		ND		ND	1
METAL	ANTIMONY, TOTAL	31	ND		ND		ND	
	BARIUM, TOTAL	5500	66.3		63.4		79.9	1

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					51	
		PRA Description					OIL/WATER SEPA	RATOR
		Sample Type					Normal Sample	
		Sample Id	LUC-ASB047-70001		LUC-ASB047-70002		LUC-ASB048-70001	
		Depth - ft bgs	2 - 3		3 - 4		5 - 6	
		Collected Date	10/19/99		10/19/99		10/19/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	12.3		11.5		12.2	
	LEAD, TOTAL	400	33.0 J+		30.6 J+		35.3 J+	
	NICKEL, TOTAL	1600	27.5		26.0		27.6	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	38.8 J+	X	34.5 J+	X	38.3 J+	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB049-70001		LUC-ASS099-40001		LUC-ASS100-40001	
		Depth - ft bgs	5 - 6		0 - 0		0 - 0	
		Collected Date	10/19/99		10/28/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000	ND					
	ETHYL BENZENE	7800	ND					
-	XYLENES (TOTAL)	1000000	ND					
	METHYLENE CHLORIDE	85						
	ACETONE	7800						
	TRICHLOROETHYLENE (TCE)	58						
	4-METHYL-2-PENTANONE	6300						
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600	ND					
	ACENAPTHYLENE	4700	ND					
	ACENAPHTHENE	4700	ND					
	FLUORENE	3100	ND					
	PHENANTHRENE	23000	ND					
	ANTHRACENE	23000	ND					
	FLUORANTHENE	3100	ND					
	PYRENE	2300	ND					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB049-70001		LUC-ASS099-40001		LUC-ASS100-40001	
		Depth - ft bgs	5 - 6		0 - 0		0 - 0	
		Collected Date	10/19/99		10/28/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87	ND					
	BENZO(B)FLUORANTHENE	.87	ND					
	CHRYSENE	87	ND					
	BENZO(K)FLUORANTHENE	8.7	ND					
	BENZO(A)PYRENE	.087	ND					
	DIBENZO(A,H)ANTHRACENE	.087	ND					
	BENZO(GHI)PERYLENE	2300	ND					
	INDENO(1,2,3-C,D)PYRENE	.87	ND					
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	ND		2.6	X	6.9	X
	AROCLOR-1260	1	ND		ND		ND	
METAL	ANTIMONY, TOTAL	31	ND					
	BARIUM, TOTAL	5500	83.0					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	LUC-ASB049-70001		LUC-ASS099-40001		LUC-ASS100-40001	
		Depth - ft bgs	5 - 6		0 - 0		0 - 0	
		Collected Date	10/19/99		10/28/99		10/28/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160	ND					
	CADMIUM, TOTAL	39	ND					
	CHROMIUM, TOTAL	230	8.9					
	LEAD, TOTAL	400	38.4 J+					
	NICKEL, TOTAL	1600	30.7					
	MERCURY, TOTAL	20	ND					
	ARSENIC, TOTAL	.43	39.5 J+	X				

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description					STORM WATER O	UTFALL
		Sample Type					Normal Sample	
		Sample Id	LUC-ASS101-40001		LUC-ASS102-40001		LUC-ASB050-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 1	
		Collected Date	10/28/99		10/28/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	16000					ND	
	ETHYL BENZENE	7800					ND	
	XYLENES (TOTAL)	1000000					ND	
	METHYLENE CHLORIDE	85					ND	
	ACETONE	7800					ND	
	TRICHLOROETHYLENE (TCE)	58					ND	
	4-METHYL-2-PENTANONE	6300					ND	
	ETHYLENE GLYCOL	1000000						
	TRIETHYLENE GLYCOL							
BNA	NAPHTHALENE	1600					ND	
	ACENAPTHYLENE	4700					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					ND	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

52

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					52	
		PRA Description					STORM WATER O	UTFALL
		Sample Type					Normal Sample	
		Sample Id	LUC-ASS101-40001		LUC-ASS102-40001		LUC-ASB050-40001	Ĺ
		Depth - ft bgs	0 - 0		0 - 0		0 - 1	
		Collected Date	10/28/99		10/28/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	
	BENZO(A)PYRENE	.087					ND	
	DIBENZO(A,H)ANTHRACENE	.087					ND	
	BENZO(GHI)PERYLENE	2300					ND	
	INDENO(1,2,3-C,D)PYRENE	.87					ND	
P/PCB	AROCLOR-1016	1	ND		ND		ND	
	AROCLOR-1221	1	ND		ND		ND	
	AROCLOR-1232	1	ND		ND		ND	
	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1248	1	ND		ND		ND	
	AROCLOR-1254	1	13	X	6.9	X	ND	
	AROCLOR-1260	1	ND		ND		ND	1
METAL	ANTIMONY, TOTAL	31					ND	
	BARIUM, TOTAL	5500					77.4 J-	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					52	
		PRA Description					STORM WATER O	UTFALL
		Sample Type					Normal Sample	
		Sample Id	LUC-ASS101-40001		LUC-ASS102-40001		LUC-ASB050-40001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 1	
		Collected Date	10/28/99		10/28/99		10/26/99	
		Laboratory	SPL		SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160					ND	
	CADMIUM, TOTAL	39					ND	
	CHROMIUM, TOTAL	230					11.8	
	LEAD, TOTAL	400					43.6 J-	
	NICKEL, TOTAL	1600					29.9	
	MERCURY, TOTAL	20					ND	
	ARSENIC, TOTAL	.43					53.2 J-	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	53		54		
		PRA Description	CISTERN		FRMR 10000-GAL B	RINE STORA	
		Sample Type	Normal Sample		Normal Sample		
		Sample Id	LUC-ASS103-40001		LUC-ASB051-70001		
		Depth - ft bgs	0 - 0		15 - 16		
		Collected Date	10/26/99		10/21/99		
		Laboratory	SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		
		Result Units	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	
VOA	TOLUENE	16000			ND		
	ETHYL BENZENE	7800			ND		
	XYLENES (TOTAL)	1000000			ND		
	METHYLENE CHLORIDE	85					
	ACETONE	7800					
11 11	TRICHLOROETHYLENE (TCE)	58					
	4-METHYL-2-PENTANONE	6300					
	ETHYLENE GLYCOL	1000000					
	TRIETHYLENE GLYCOL						
BNA	NAPHTHALENE	1600					
	ACENAPTHYLENE	4700					
	ACENAPHTHENE	4700					
	FLUORENE	3100					
	PHENANTHRENE	23000					
[]	ANTHRACENE	23000					
	FLUORANTHENE	3100					
	PYRENE	2300					

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	53		54	
		PRA Description	CISTERN		FRMR 10000-GAL	BRINE STORA
		Sample Type	Normal Sample		Normal Sample	
		Sample Id	LUC-ASS103-40001		LUC-ASB051-70001	
		Depth - ft bgs	0 - 0		15 - 16	
		Collected Date	10/26/99		10/21/99	
		Laboratory	SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)ANTHRACENE	.87				
	BENZO(B)FLUORANTHENE	.87				
	CHRYSENE	87				
	BENZO(K)FLUORANTHENE	8.7				
	BENZO(A)PYRENE	.087				
	DIBENZO(A,H)ANTHRACENE	.087				
	BENZO(GHI)PERYLENE	2300				
	INDENO(1,2,3-C,D)PYRENE	.87				
P/PCB	AROCLOR-1016	1	ND			
	AROCLOR-1221	1	ND			
	AROCLOR-1232	1	ND			
	AROCLOR-1242	1	ND			
	AROCLOR-1248	1	ND			
	AROCLOR-1254	1	0.81 J			
	AROCLOR-1260	1	ND			
METAL	ANTIMONY, TOTAL	31				
	BARIUM, TOTAL	5500				

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	53		54	
		PRA Description	CISTERN		FRMR 10000-GAL 1	BRINE STORA
		Sample Type	Normal Sample		Normal Sample	
		Sample Id	LUC-ASS103-40001		LUC-ASB051-70001	
		Depth - ft bgs	0 - 0		15 - 16	
		Collected Date	10/26/99		10/21/99	
		Laboratory	SPL		SPL	
		Sample Collector	SE Technologies		SE Technologies	
		Result Units	MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
	BERYLLIUM, TOTAL	160				
	CADMIUM, TOTAL	39				
	CHROMIUM, TOTAL	230				
	LEAD, TOTAL	400				
	NICKEL, TOTAL	1600				
	MERCURY, TOTAL	20				
	ARSENIC, TOTAL	.43			21.7	X

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

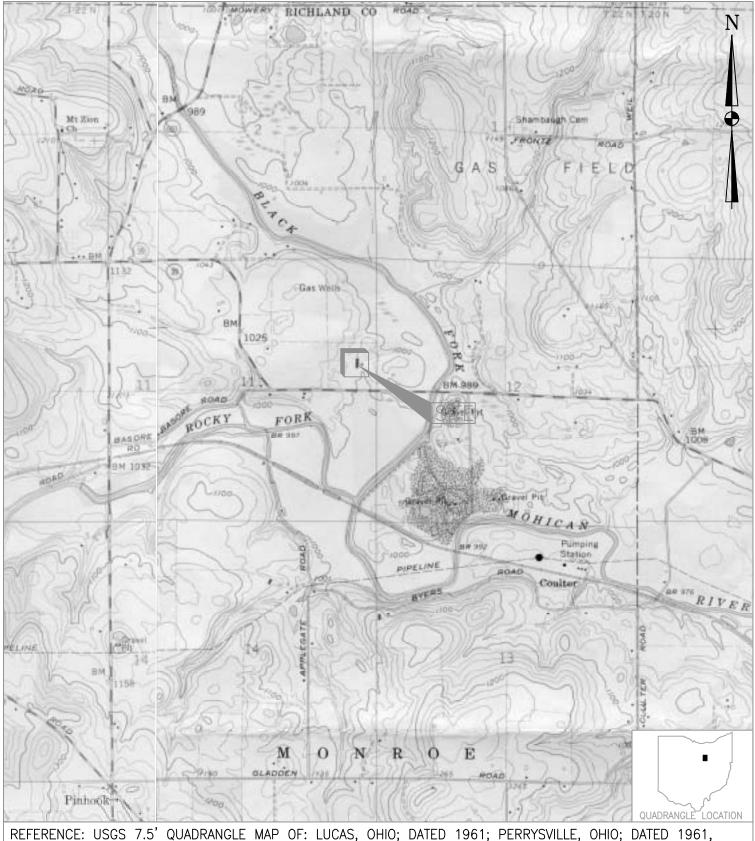
		PRA	43				
		PRA Description	WATER WELL				
		Sample Type	Field Duplicate (Rep)		Normal Sample		
		Sample Id	LUC-AML001-11001		LUC-AML001-10001		
		Depth - ft bgs	0 - 0		0 - 0		
		Collected Date	10/28/99		10/28/99		
		Laboratory	SPL		SPL		
		Sample Collector	SE Technologies		SE Technologies		
		Result Units	UG/L		UG/L		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	
VOA	TOLUENE	1000	ND		ND		
METAL	BARIUM, TOTAL	2000	ND		ND		
	CHROMIUM, TOTAL	100	ND		ND		
	LEAD, TOTAL	15	5.5 J		7.3 J		
	ARSENIC, TOTAL	50	18.7		15.9		

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.



REFERENCE: USGS 7.5' QUADRANGLE MAP OF: LUCAS, OHIO; DATED 1961; PERRYSVILLE, OHIO; DATED 1961, PHOTOINSPECTED 1981, PHOTOREVISED 1974

DATE

CHECKED BY

SET JOB NO.

990031

SET DWG FILE
LUCM01.dwg

DRAWING SCALE

1"=2000'

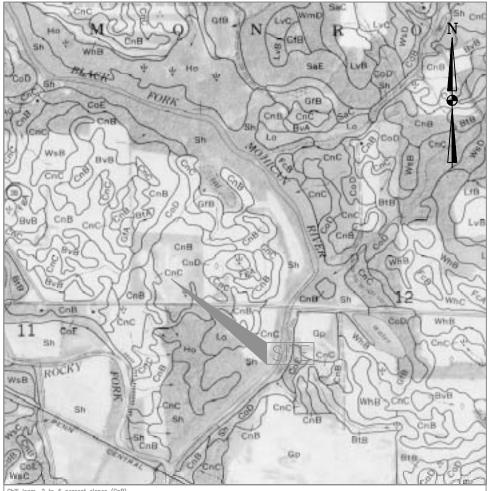


COLUMBIA GAS TRANSMISSION

LUCAS COMPRESSOR STATION RICHLAND COUNTY, OHIO SITE LOCATION MAP

FIGURE 1-1 REV.

Plot: env024 07/31/2000 14:44 G:\col_gas\CWP\990031\LUC\LUCm01.dwg



This soil is mainly on terracesalong the valleys of major streams. A few areas are on till plains and in higher valleys. This soil has the profile

In its soil is mainly on terracesalong the valleys of major streams. A few areas are on all plains and in nighter valleys. In Is soil in mapping are a few small areas of corded soils that have a light-brown surface layer. Most of these soils have a surface layer of grovely loam. Also included ore small areas of moderately well drained Bogart soils and somewhat poorly drained Fitchville soils, gravelly subscil variant, in low spots, depressions, and minor natural drainageways. Small areas of Wheeling soils and a few higher areas of soils that have broken rock of soils that have broken the soil is formed, the hazard of erosion is moderate. This soil is somewhat droughty. Except for slope, it has few limitations for mant nonfarm isses. Capobility unit lie—1; woodland suitability group 201.

Chili loam, 6 to 12 percent slopes (CnC).

This soil is an terrace and sides of valleys. It is mainly in narrow strips that separate less strongly sloping areas on terraces.

Included with this soil in mapping are areas of soils that have a gravelly loam surface layer. Also included are a few acres of severely eroded soils at have a light-brown surface layer; these areas are shown on the map by the erosion symbol. The surface layers in most areas of these eroded soils gravelly loam. Spots of the more gravelly Connot noils and the less gravelly, more sitly Wheeling soils are included. Moderately well drained Bogart is credit included in some low areas and around seeps and springs. A few areas of soils that are underloin by broken rock or by glacial till at a depth of the strength of the surface layers.

o 5 feet are also included.

If this soil is farmed, the hazard of erasion is severe. Slape is a limitation to many nonfarm uses. Capability unit Ille2; woodland suitability group 2ol.

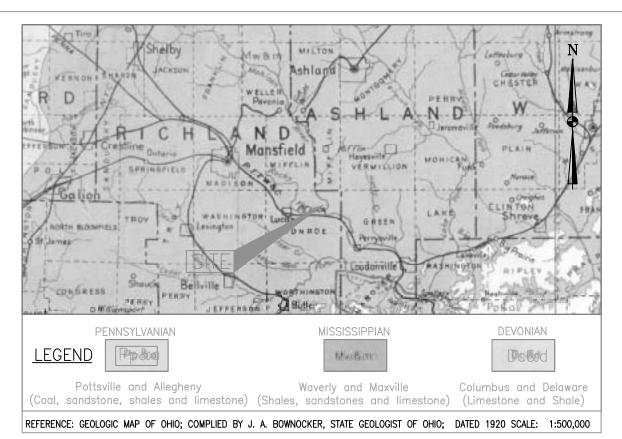
Chili and Conotton soils, 12 to 18 percent slopes(CoD).

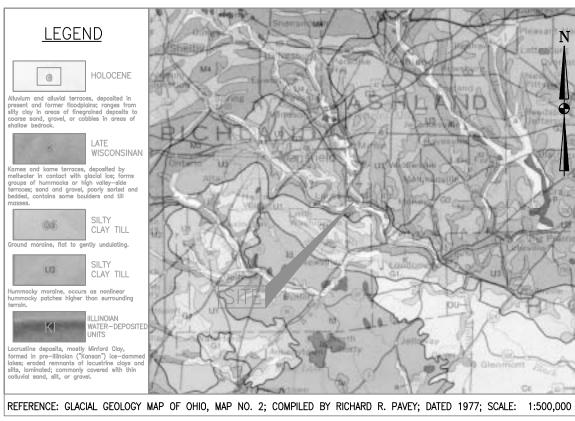
These soils are on the sides of valleys and on isolated hills and kames. The areas vary in size. Both Chilli and Conotton soils are in most of the napped areas. Chilli soils are the major soils in some areas and Conotton soils in others; there is no set pattern. A few areas are entirely Chilli soils, and a few are entirely Conotton soils.

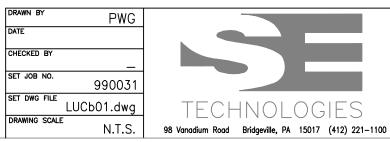
Included with these soils in mapping are a few areas of eroded soils that have a light—brown surface layer and some areas of soils that have broken lock ata depth of 4 to 5 feet. Also included around a few seeps and springs are soils that are grayer and more mottled than Chilli and Conotton soils. Most large areas of Chilli and Conotton soils are in permanent pasture or trees, but some of the smaller ones are cultivated along with other soils. Some areas are a potential source of gravel for commercial purposes.

If these soils are farmed, the hazard of erosion is very severe. Slope is a limitation to most nonfarm uses. Capability unit Vie—3; woodland suitability group 342.

REFERENCE: USDA SOIL CONSERVATION OF RICHLAND COUNTY, OHIO







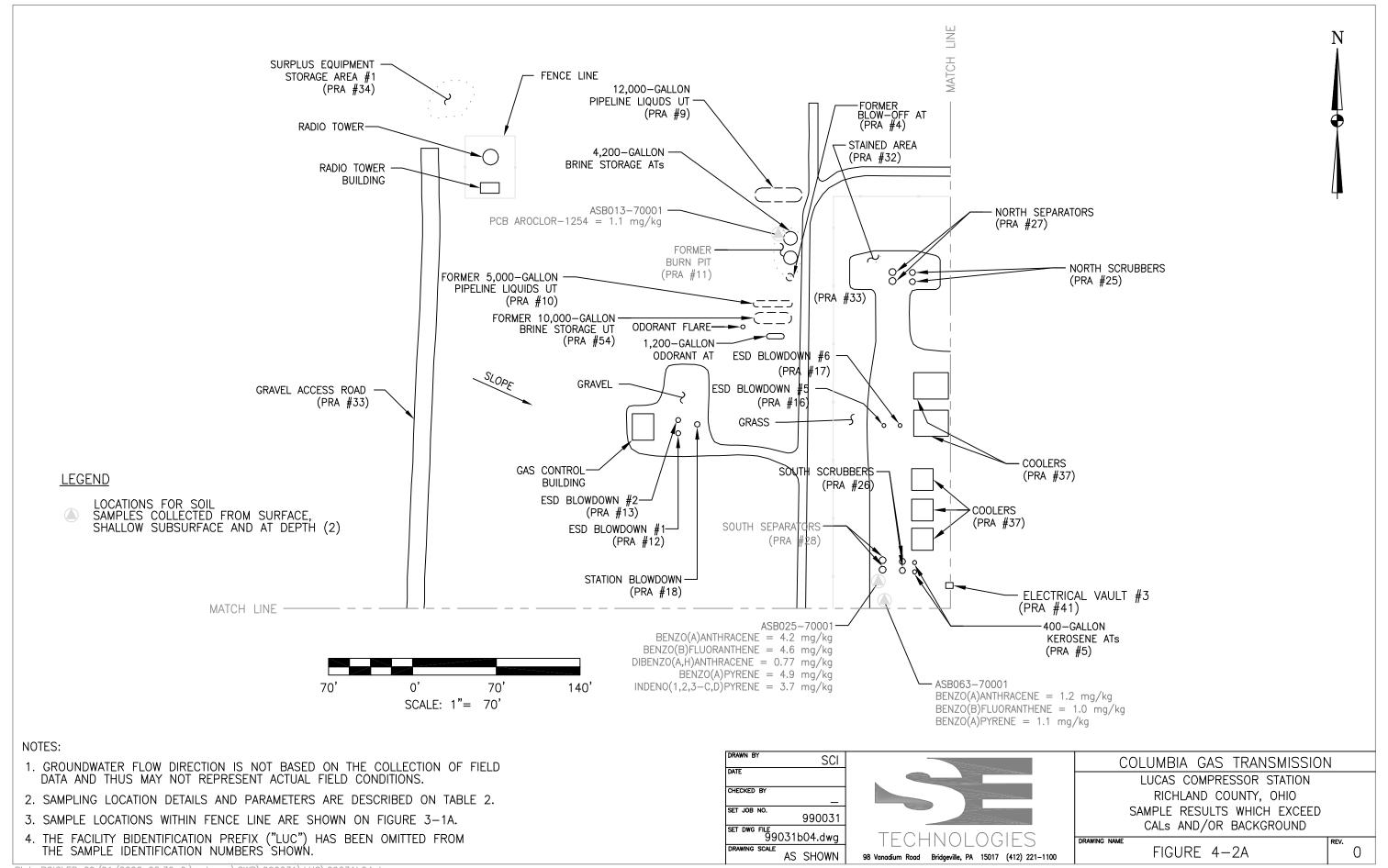
COLUMBIA GAS TRANSMISSION

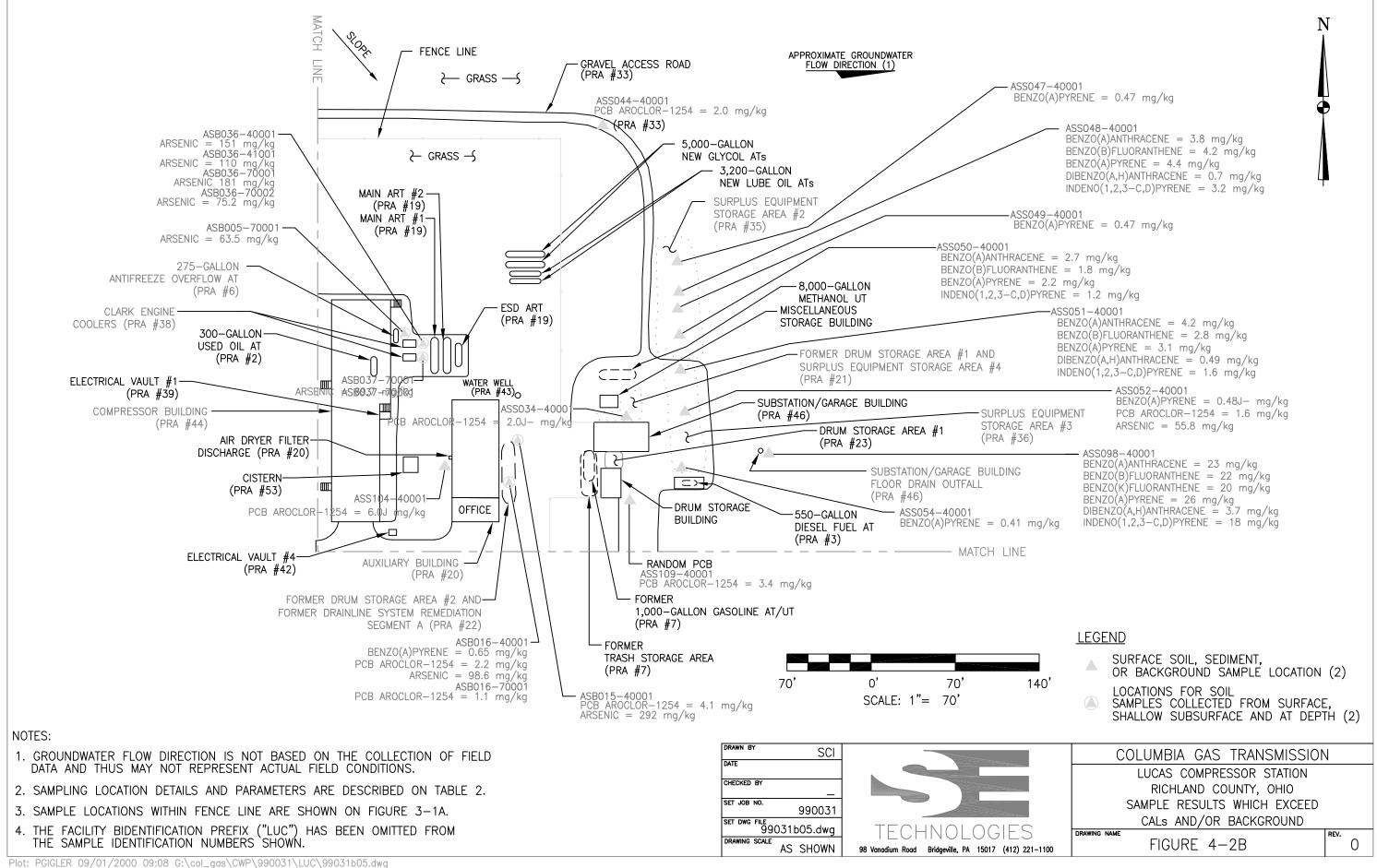
LUCAS COMPRESSOR STATION RICHLAND COUNTY, OHIO SITE GEOLOGY, GLACIAL AND SOILS MAP

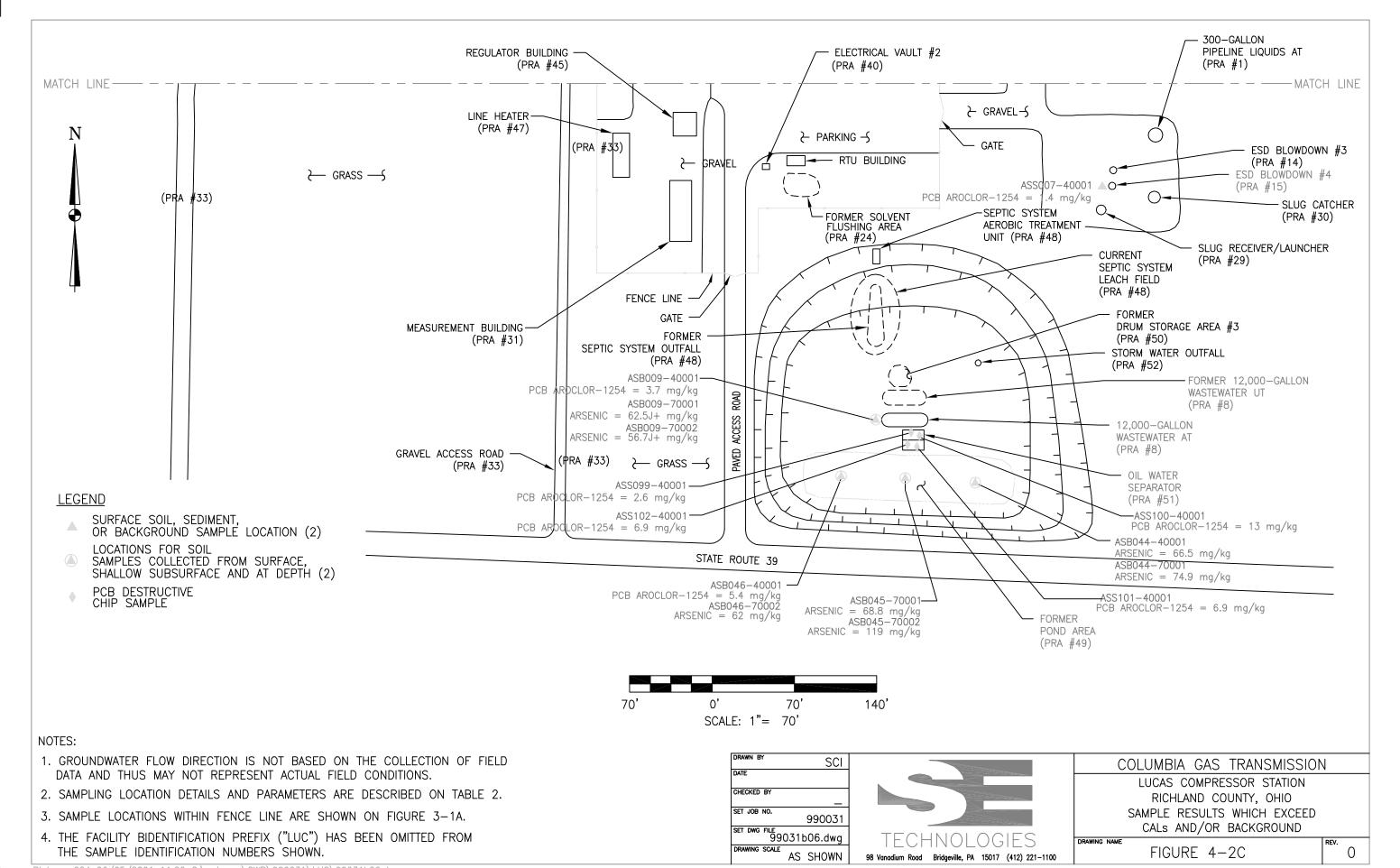
DRAWING NAME

FIGURE 2-1

0







APPENDIX C SOIL BORING LOG FORMS



PROJECT	:	UCAS 991	<u>(OMP)</u>	RESSOR Da - Lu	<u>STATIO</u> C	<u>/) </u>	ORING NO.: <u>206 - ASE</u> ATE: <u>10 A2 9 9</u> LEVATION: <u>N/A</u>		
7011 「日兄・	NH		_			E	LEVATION: N/19 /		
FIFI D GE	OLOGIS	ST: (b) (4	1)	1					
WATER L	evel D	ATA:	Nh						· ····
Date, Tin	1е & Со	nditions)	: <u>8:30</u>)				I	
Sample	Depth		Sample Recovery	Lithology Changes (Depth, ft.)	R.	IATERI	usce		
No. & Type or . RQD	(fL) or Run No.	Blows, 6' or RQD (N)	Sample length	or Screened Interval	Soll Density Consistency or Rock		MATERIAL CLASSIFICATION	NATER CONTENT	REMARKS
					herdness	Color			PPM PID
*			6-1			pronu	SC samul silt clay		<u> </u>
							POCK		
**			2-3			brass	SC Sand we silt clay		o. 0
***			3-4			hrough	SC-Sand w/ silt elg		00
<u> </u>							Rock		
	 								
			}						
	-				*		LUC-ASBOOT- 40001		
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]	* *		WE ASBOOT 70001		<u> </u>
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REMARKS



	,	114.40	Ann Oc	たくくへの	STATIN	() R	DRING NO.: LUC - ASB	002	
PROJECT	: <u> </u>	UCAS	COMPA	12 - 111	STATIÒI C	D	ORING NO.: <u>LUC - ASB</u> ATE: <u>10-21-99</u> LEVATION: N/A		
PROJECT	NO::_	440	3/70 C	a LU		E	EVATION: N/A		
DRILLER: FIELD GE									
	CICC D	ATA ·	NIA						
(Date, Tim	16 & CO	nditions)	: 5.00)					
Sample	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, IL)	N	IATERI/	AL DESCRIPTION	uscs	
No. & Type or . RQO	(ft.) or Run No.	Blows, 6° or RQO (N)	Sample length	or Screened Interval	Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	NSCS Rick Bio- kendas WATER (ONTENT	REMARKS PPM PID
*			6-1						
		<u> </u>		!				 	
V. V.	 		2-41			boun	CL- Sand Welcy		0.0
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REMARKS	_0	Luck	d Roll	overy	Por 12	<u>-3'</u>	Interval, not con	<u>lecte</u>	<u>:Cl</u>
			U						



PROJECT	:	UCAS 990	<u>(OMPR</u> 5/42 - C	<u> ESSOR</u> 12 - LU	<u>STATIO</u> C	<u>/) </u>	DATE: 10:41:00		
DRILLER:	N A	•				E	LEVATION: N/A	 .	
FIELD GE	OLOGIS	ST: (D) (4	4)						
WATER U	EVEL D	ATA:	NA						
(Date, Tim	10 & Co	nditions)	: <u>4:1</u> ,	<u> </u>				1	
Sample	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, ft.)		MATERI	AL DESCRIPTION	usce	
No. & Type or . FIQD	(fL) or Run No.	(M) 800 800	Semple length	or Screened Interval	Soll Denetty Coneletency or Rock herdness	Color	MATERIAL CLASSIFICATION	NSCS RYCK BAD- Kendaa WATER CONTCNT	REMARKS PPM PID
					- Madolines		Marie Isondal		0.0
*			6-/			bour	CL-clay w/ sand sit	 	<i>U</i> .U
)		,	·	l		
**			2-3'			broun	CL Clasul Sand silt		Q·0
]				
***			3.4'			broun	Ct clay w/ sand silt		54.0
<u> </u>					·		0 '	l	
***			6-4'			brown	CL- clique sand silt		513.0
			 	1			J '		
P * 4 4			11-12'			bour	Che Clay w/ Sand Sitt.		410ppm
					*		Luc-ASB003-40001		
					* *		Luc-ASB003-70001		
					* * *		Lue- ASBOD3-7000 2		
					1/8 - 7/-				
					* **		LUC- ASBOD3-70003	-	
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REMARKS									



PROJECT	:	UCAS OOZ	('OMPA	ESSOIL	STATIO C	<u>/ /</u>	DATE: $10.30.99$		
DOLLIED:	KI A					E	LEVATION: N/A		
FIELD GE	OLOGIS	3T: (b) (4	4)						
MATERIAL STATES	CVCI N	ΔΤΔ.	NIK						
(Date, Tin	ne & Co	(enombia	: 11. as			1477	AL DESCRIPTION		
Sample No. &	Depth (fL)	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATERI.	AL DESCRIPTION	USCS RYCK BAD- Kendas WATER	
Type or . RQD	or Run No.	6° or RQD (N)	Sample longth	or Screened Interval	Soll Deneity Consistency		MATERIAL	konses WATER	REMARKS
					or Rock herdness	Color	CLASSIFICATION	CONTUN	PPM PID
*			0-1			Brown	SC-Sandulday silt	1	O. <u>O</u>
						<u> </u>	lari		
*4			2-3			Brown	&-Sand wellay silt		0.0
		 		1			Rocks		
***			3-4	!		Brown	SC-Sand Willay SIL		0.0
				ļ	·		ROCK		
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	 		<u> · </u>		*	 	Lul-ASB004-40001	 	
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	-		 	1	* * *	 	Luc- ASBOOY - 7000)		
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REMARKS_									



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PROJECT	: <i>_</i> _	<u>UCAS</u>	(OINPI	EDUK	<u>STATIÒ</u> C	<u>, , , , , , , , , , , , , , , , , , , </u>	ORING NO.; <u>LUC - ASI</u> ATE: <u>10-88-00</u>		
PROJECT	NO.: _	<u>990</u>	5/42 -C	u- 111	ن	F	LEVATION: N/A		
DOLLIED:	KI A								
FIELD GE	OLOGIS	ot: <u>.</u> (<mark>™</mark> ATA∙	MA						
WATER L	EVEL D	nditions)	: 10:8	O					
(Date, Tin Sample	Depth		Sample	Lithology Changes	1	AATERI	AL DESCRIPTION	NSCS RYCK BAD- Kennes WATER	
No. &	(fL)	Blows,	Recovery	(Depth, ft.)		· · · · · ·		R y ck	
Type or .	or Run No.	FQD RQD	Sample length	Screened	Soll Density			\$ P	REMARKS
RQ0	140.	(M)		Interval	Consistency		MATERIAL	WATER	
					or Rock	Calar	CLASSIFICATION	CONTRAT	PPM PID
					herdness	Color	54		TINO PID
*			2-3			proun	Sand w cig sut rocks		
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**			3.4		 	brown	Sund of Ma silv.		
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REMARKS_



PROJECT PROJECT DRILLER: FIELD GE WATER L	<u>NA</u> OLOGIS EVEL D	ST: <mark>(b) (4</mark> ATA:	NA.		STATIÒ C	<u>/)</u> 8	ORING NO.: <u>LUC - AS</u> ATE: <u>HO-19-49 10:30</u> LEVATION: NIA	3006 99	
(Date, Tim	10 & CO	nditions)	Sample	Lithology Changes		MATERI	tusces ov Ryck		
No. & Type or . RQD	(ft.) or Run No.	Blows, 6° or RQD (N)	Recovery Sample Jength	(Depth, fL) or Screened Interval	Soll Deneity Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	Fixek Bap- kenaga WATER CONTENT	REMARKS
*			6-1		100011000	Brown	SC-Sand welley		0,0
<u> </u>							0		
**			2-3'			Brown	SC-Sand wy Clay		0,0
***			3.4			Bruon	SC. Sand wichay		0.0
tx xx			10'-11'		-	Boun	so-sand welaf		0.0
					<u></u>				
			·		*		ac-ASBNO10-40001		
					**		Luc- ASBOOK-70001		
					* * *		Luc- ASBOOL - 70002		
					***		wc-ASBOOG-70003	-	
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REMARKS_



ATER LE	EVEL D	ST: [[6]][4] ATA: nditions)	NA	50					
Sample	Depth	Blows,	Sample Recovery	Littrology Changes (Depth, fl.)		MATERI	AL DESCRIPTION	usca	
No. & Type or . RQO	(fL) or Run No.	(N)	Sample length	or Screened Interval	Soll Denalty Conelstency or Rock hardness	Color	MATERIAL CLASSIFICATION	NATER (ONTENT	REMARKS
*			0-1'				M-Sandy Clay		0,0
**			8-3 '			Brown	el-Sandyul Blog		0.0
T. 7						8	CL- Sandyul Blay		. /-
***			3.4		-	Brows B	SILT & ROCKS		00
**			10-11			Braun	CL-Sandy Clay SIH+ROCIS		0.0
							SII4 + MOGS		
					*		LUA ACOMM LIMANI		
			·		7		Lur-ASBOOT-40001 MSMSD		
					* *		<u>luc- Asboot-70001</u> 71001		
					* * *		uc- ASBOOT - 70002		
					****		ULC- 15BXX7-70003		
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ATER L	EVEL D	ATA: nditions	_N/\\	5				<u> </u>	
Sample No. &	Depth (fL)	Sample Blows, Recovery		MATERIAL DESCRIPTION			usca RVck		
Type or RQD	or Run No.	6° or RQD (N)	Sample length	or Screened Interval	Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	NSCS FYCK END- KONTER WATER CONTENT	REMARKS PPM PID
*			0-1			Brown	SC-Sandy May		6.0
* K			2-3			Brown	SC-Sandy Clay		p.O
***			3.4			Bawn	SC-Sandy Clay		0.0
					*		Luc ASBNOS 40001		
					* *		(UC- ASBDO8-7000)		
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REMARKS



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PROJECT	: <u> </u>	UCAS	(OMP)	ENOK	STATIÒ	<u>, , </u>	ORING NO.; <u>LUC - ASE</u> ATE: <u>10 19 00</u> LEVATION: N/A		
PROJECT	NO.: _	990	5/42 -C	12 - IU	<u>ت </u>	⁶	FVATION: N/A		
DOLLIED:	KI A	•				=	C. William		
FIELD GE		ST: _(<mark>()</mark>	(4)						
WATER L (Date, Tin	EVEL U	A1A:	Nn)					
(Date, 110	He & CO				•	ATEDI	AL DESCRIPTION		
Sample	Depth	Olour	Sample Recovery	Lithology Changes (Depth, RJ)			——————————————————————————————————————	usce V	
No. & Type or . RQO	(fL) or Run No.	Blows, 6° or RQD (N)	Semple length	or Screened Interval	Soli Density Consistency or Rock		MATERIAL CLASSIFICATION	SISCE RACK BAD- KORTER WATER CONTENT	REMARKS PPM PID
					herdness	Color	41 54 16 14		
*	1		0-1			Brown	_		60
							Pocks		
	 		a-3			Brown	CL W Sanda Pocks		0.0
*	 		ر ۾				· .		
	 		2.11			24.00	et- w/sand rocks		6.0
***			3.4			DIONI	er ~ ould roces		
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PROJECT	: /	UCAS	COMPA	<u>ressor</u>	STATIO	<u>/) </u>	IORING NO.: LUC - ASI	3010	
PROJECT	NO.: _	990	5/42 - 0	12 - LU	<u>STATIÒ</u> C	<u>c</u>	DATE: <u>10:2 - ASE</u> DATE: <u>10:2 - OO</u> ELEVATION: <u>N/A</u>		
DR(LLER:	$N H_{-}$			· · · · · · · · · · · · · · · · · · ·		E	LEVATION: NIT		
FIELD GE	OLOGIS	ST: _ <mark>(b) (</mark>	4)						
WATER 11	EVEL D	ATA:	NIN						
(Date, Tim	ne & Co	nditions)	1/0,3	<u> </u>				 	
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, ft.)		AATERI	AL DESCRIPTION	uscas	
Type or . RQO	or Run No.	6, o. BOD (v)	Sample length	or Screened Interval	Soll Density Consistency		MATERIAL	HISCS RYCK BAD- Kenniga WATER	REMARKS
					or Rock herdness	Color	CLASSIFICATION	CONTENT	PPM PID
*	 		9-10			grey	Ch chacy willte		84 ppm 54 ppm
1	 		, , ,	ł		, 9			- 7
	 					mown	11- Mm Sell Ale	1	Su
**			9-12		<u> </u>	grey	CL-Clay Siltyclay UBrium & yellow	1	J. I pom
1		 		1			4 Brown & yellow		
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PROJECT	: <u> </u>	nchž	CUITT	12 - 11.	STATIÒ C	ب ال	ORING NO.: <u>LUC - ASI</u> DATE: <u>10-21-00</u> ELEVATION: <u>N/A</u>		
PROJECT	_ NO:: _	<u>990</u>	3/49 -C	w IU	<u> </u>	—— ř	LEVATION: N/A		_
						t			
FIELD GE	<u>:OLOGIS</u>	ST:	MA						
WATED 11		ΔIA.	MA						
(vate, Tin	He & CO	" IOIUOUS,): <u>//:30</u>	1			N DECOMOZON	一一	
Sample No. &	Depth (fL)	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATERI	AL DESCRIPTION	uscs	
Type or . RQO	Type or . or Run 6' RQD No. RC	1	Sample length	or Screened Interval	Soli Deneity Conelstency		MATERIAL	NSCS RACK BAD- Kenndan WATER	REMARKS
					or Rock herdness	Color	CLASSIFICATION	ROTHER	PPM PID
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REMARKS_									



ROJECT	:	UCAS	COMPI	RESSOR	STATIO	<u>/) </u>	ORING NO.: <u>LUC - AS</u> DATE: <u>10-21-99</u> ELEVATION: N/A	1201g	
ROJECT	NO.: _	990	5/42 -C	<u> 12 - 14</u>	<u> </u>	L	LEVATION: N/A		
)RILLER:	NA) (b) (4)						
TIELLO GE VATER L	OLOGI:	οι: <u>1977</u> Δτα·	NA						
VAIERL Date Tin	ne & Co	nditions	:13·C	00				,	
Sample	Depth		Sample	Lithology Changes	N	IATERI	AL DESCRIPTION	USCS PACK PACK PATER WATER CONTENT	
No. & Type or . RQD	(ft.) or Run No.	Blows, 6' or RQD (N)	Recovery Semple length	(Deptit, IL) or Screened Interval	Soll Density Consistency or Rock therdness	Color	MATERIAL CLASSIFICATION		REMARKS
*			11-12				S. Sand		60
<u></u>			11-10				Sc. Sand no staining	!	
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REMARKS_



PROJECT: <u>LUCA'S (OMPRESSOR STATION)</u> PROJECT NO.: <u>996/42 - 02 - LUC</u> DRILLER: N A FIELD GEOLOGIST: (b) (4) PROJECT: LUCA'S (OMPRESSOR STATION) BORING NO.: <u>LUC - ASBOIS</u> DATE: <u>102199</u> ELEVATION: N/A										
WATER L	EVEL D	ATA:	NA							
(Date, Tin	10 & CO	nditions): <u> </u>	>						
Sample No. &	Depth (ft.)	Blows.	Sample Recovery	Lithology Changes (Depth, ft.) or Screened Interval		MATERI	AL DESCRIPTION	uscs		
Type or . RQO	or Run No.	6° or RQD (N)	Sample longth		Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	HSCS RVCk Edo- kontan WATER CONTENT	REMARKS PPM PID	
*			6-1			boun	SC-Sandy dawsilt		0.0	
1			0 7	ı		I RANGE 1	Pars -	·		
Si			2-3			26,700	Sc- Sandy Clay wy silt		60.0	
**			2-3			NOLU-1	HROCIS.			
V 1 1 1			3-4		 	hour	3c- Sancia ClayulsiH			
***	 		34			Dicker)	Pod ^c			
الأواد عديا			15-16			100 LX	sc-sany agulsitt		6.0	
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	 		 		*		Luc-ASBOB. 40001			
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					* * *		Luc- 1580B- 70002			
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	. /	UCAS	Compa	RESSOR	STATIO	<u>/)</u> B	ORING NO.: <u>LUC - AS</u>	3010	
PHOJECT		<u>v (j 13</u> 997	5142 -0	Da - Lu	STATIÒ C	C	ATE: LEVATION: <i>N/ f</i> 1		
ODILLED:	KI A		•			E	LEVATION:N/f1		
FIELD GE	OLOGIS	ST: (b) (4	4)						
WATER L	EVEL U	A I A:	<u></u>						
(Date, Tin	ю & Со	nditions)):						
Sample	Depth	Blows,	Sample	Lithology Changes (Depth, ft.)		MATERI	AL DESCRIPTION	SSC BACK	
No. & Type or . RQD	(ft.) or Run No.	(k) HOD e. o.	Sample length	or Screened Interval	Soll Denetty Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	MATER CONTENT	REMARKS PPM PID
*			0-1					ļ	
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**			2-3		 			 	
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L	<u> </u>	O'A Par	201.10	log T	30016	7	7.99		
REMARKS	ניטו	II TIY	CL IXI	<u> </u>		`			



PROJECT	ROJECT: <u>LUCAS COMPRESSOR STATION</u> BORING NO.: <u>LUC - ASBOJS</u> ROJECT NO.: <u>996/42 - 02 - LUC</u> BILLER: N.A. ELEVATION: N.A.											
PROJECT	NO.:_	<u>990</u>	0/48 -0	14 - LU	<u>ت</u>	⁻ -	LEVATION: N/A					
DRILLER:	NA					°						
FIELD GE	:ULOGK	51: _ <mark> U) </mark>	VID									
WATER L. (Date, Tin	EVEL U	maliticae	IVI) G	00								
(Date, I In	Depth		Sample	Lithology Changes	N	MATERI	AL DESCRIPTION	usce				
No. &	(fL)	Blows,	Recovery	(Depth, ft.)				RVck				
Type or . RQO	or Run No.	6° or RQD (N)	Sample length	or Screened Interval	Soll Density Consistency or Rock		MATERIAL CLASSIFICATION	NSCS RYCK BAD- Kendas WATER (ONTENT	REMARKS			
					herdness	Color			PPM PID			
*		 	~41				X-SIH, elg Sand	 	6.6			
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PROJECT PROJECT DRILLER: FIELD GE WATER LI (Date, Tirr	<u>NA</u> OLOGIS EVEL DA	ST: _ <mark>(b) (</mark>	MA.	RESSOR Da - LUI	STATIO.	/)	BORING NO.: 200-ASI DATE: 10:2 99 ELEVATION: N/A		
Sample No. & Type or ROO	Depth (ft.) or Run No.	Blows, 6° or RQD (N)	Sample Recovery Sample longth	Lithology Changes (Depth, ft.) or Screened Interval	Soil Density Consistency	MATERI	AL DESCRIPTION MATERIAL	WSCS RVCk Edu- kenning WATER	REMARKS
					or Rock herdness	Color	CLASSIFICATION	ROTHER	PPM PID
*			6-1				8- Sandy Silty cics 80- Sandy Silt		
*			2-3				30- Sandy silt		0.()
***			3-4				Sancl		6.0
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REMARKS		_1							



		MARC	Cam De	PESSAR	STATIN	(A)	CORING NO · LUC - A ST	3617					
PROJECT	ROJECT: LUCAS COMPRESSOR STATION BORING NO.: LUC - ASBOIT ROJECT NO.: 996142 - 02 - LUC DATE: 10 20 99 ELEVATION: N/A												
PROJECT	. NO:: _	990	3/42 -0	14 - LU	<u> </u>	<u></u>	ELEVATION: N/A						
DRILLER:	NA		1)				LL VICTORIA DE LA CONTRACTORIA D						
FIELD GE	OLOGE	51: (<mark>L) (</mark>	AIC										
WATER L	EVEL D	AIA:	IVI	5									
(Date, Tin	10 & CO	(2nombne	. <u>. 10 .9.</u>										
Sample No. &	Dapth (fL)	Blows,	Semple Recovery	Littrology Changes (Depth, fL)	•	MATERI	AL DESCRIPTION	SON RAPERSON					
Type or . RQD	or Run No.	6° or RQD (N)	Sample length	or Screened Interval	Solf Density Consistency or Rock	Color	MATERIAL CLASSIFICATION	kondes WATER CONTENT	REMARKS PPM PID				
. <u></u> .					hardness		al al		•				
*			6-1'			Brown		 	6.0				
			-				Rocks						
. 1			0.21			B77. 55	CL-Clay w/ Sand & Rocks CL-Clay w/ Sand a Rocks		0.0				
**			2-31			10001	C. Carlo						
	l]	 	Trocks						
***			2-4'			Bown	a- Clay w/ Sanda		0.0				
7				1			Rocks						
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				1	**		Luc- ASBOIT- 7000)	<u> </u>					
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PROJEC1	PROJECT: LUCAS (OMPRESSOR STATION) BORING NO.: LUC - ASISMY PROJECT NO.: 996/42 - 02 - LUC DATE: A /(YAU'OU)											
		99	6142 -0	<u> 12 - 14</u>	<u>c</u>	}	DATE: A /() AO OO ELEVATION: N/A					
DRILLER:	NA OLOGI	от. <mark>(b) (</mark>	'4)				ELEVATIONTYTT					
FIELD GE WATER L	EVEL D	δί: <u>Έ</u> Δτα·	ΛIA		,,							
(Date, Tin				ن								
Sample	Depth		Sample Recovery	Lithology Changes (Depth, fL)	•	MATER	AL DESCRIPTION	usca				
No. & Type or . RQD	(fL) or Run No.	Blown, 6° or RQD (N)	Semple length	or Screened Interval	Soll Denetty Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	HACK HATER WATER CONTENT	REMARKS PPM PID			
*			5.1			-		WET	6.0			
<u>**</u>			0-/			brown	Sandy sily clay	100	0.0			
							Rock					
*			a-3			brown	SC-Sandwsily	WeT	0.0			
***			3-4			6000	Clay Rocks.	WIT	0.0			
<u>አ ጥ ጥ</u>			2 1		-	ייסטין	Mr. & ROCKS.	WCI	<u> </u>			
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PROJECT	ROJECT: <u>LUCAS (OMPRESSOR STATION</u> BORING NO.: <u>LUC - ASBOIG</u> ROJECT NO.: <u>996/42 - 02 - LUC</u> DATE: 16:80:00 ELEVATION: N/A												
PROJECT	ROJECT NO.: 446/42 - 02 - LUC FLEVATION: N/A												
DOLL FO:	K) A						EAVOR. TANA						
FIFLD GE	OLOGIS	ST:	4)										
WATER L	EVEL U	A1A:	<u> </u>										
(Date, Tin	ne & Co	(2noijion	10				AL DECORPTION						
Sample No. &	Depth (ft)	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		AATERI	AL DESCRIPTION	RYCK BACK BACK Kennaga	:				
Type or . RQD	or Run No.	(N)	Sample length	or Screened Interval	Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	kendes WATER CONTENT	REMARKS				
JK			6-1			promp	SC-Sandul Clas	wet	6.0				
*			6-1	l		(JI ()(C) /	-						
						ļ	ent Pours	l i	()				
*	1	 	2-3			nasn	8- Sand w/ 3117	Met	0.0				
	1				Ī		Clay ROCKS						
- 1 · 4 ·	 		3-4	1		ha . 0	SC-SIL Cla ROCK	lact	28				
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PROJECT	r: <u> </u>	UCAS	COMP	<u>RESSOR</u>	STATIC	<u>)/) </u>	DATE: <u>M. 20°0</u> ELEVATION: <u>N/A</u>	30a0	·
PROJECT	ΓΝΟ.: _	990	0/48 -0	14 - IU	<u> </u>	<u>'</u>	ELEVATION: N/A		
DRILLER: FIELD GE	_N_n OLOGI:	ST: (b) (4)						
WATER	EVEL D	ATA:	MA						
(Date, Tin	ne & Co	onditions	: 19.3	0					
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, R.)	•	MATERI	AL DESCRIPTION	usca	
Type or . RQD	or Run No.	(N) HOD 6. ot	Semple length	or Screened Interval	Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	STATES	REMARKS PPM PID
14			- 11		1101/01/044	-	SC Jal all and		-
*			0-1'			Brown	Sandwl day silt pock.		0.0
					ļ	ļ			
**		<u> </u>	2-3'			Brown	sc. Sand w clog silt		00
							Rocks		
***			3-4'			Brasa	SC- Sandwi clay		Ó
V 4 41						3.00.1	1		<u> </u>
	 						SILT + ROCKS		
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							SINCE TIPE OF SILVER		
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REMARKS_									



PROJECT	r:	UCAS	COMP	PESSOR	STATIÒ C	<u>n</u> :	BORING NO.:	<u> 200 - ASI</u> 10-99 NIA	3021	
PROJECT	NO.: _	99	<u>6/42 - 0</u>	<u> 12 - 14</u>	<u>c</u>	¦	DATE: <u>[[/ Ø</u>	NIA		
DRILLER:	N A			40.402			TEAVIOUS	W.L.		
FIELD GE	OLOGI	SI: (b)	4) N/A							
WATER L	EVEL U	MIA anditions): <u>8.</u> C	20						
Sample	Dapth		Sample	Lithology Changes		MATER	AL DESCRIPT	NOF	usca	
No. &	(fil.)	Blows,	Recovery	(Depth, ft.)			I		NV _{ak}	
Type or . RQD	or Run No.	6° or RQD (N)	Semple longth	or Screened Interval	Soll Deneity Consistency or Rock			ERIAL FICATION	WATER	REMARKS
					herdness	Color				PPM PID
*			0-1			L	SC - 5114	Sancl		0.0
							'			
**			4-3	&			SC 5114	Sand		0.0
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PROJECT	:: <i></i>	UCAS	COMP	RESSOR	STATIC C	<u>)/) [</u>	BORING NO.: LUC - ASI	3039	
PROJECT	NO.:_	99	6142 -0	02 - <u>Lu</u>	<u> </u>	:	DATE: 10.80.99 ELEVATION: N/A		
DRILLER:	NA	o-r (b)	(4)			^c	EEVATION		
FIELD GE	OLOGI	SI: _ <mark>(D)</mark>	(4) A ()						
WATER L	na & Co	onditions): <u> </u>	(P)					
Sample	Depth		Sample Recovery	Lithology Changes (Depth, fL)	•	MATERI	AL DESCRIPTION	usce	
No. & Type or . RQD	(fL) or Run No.	Blows, 6° or RQD (N)	Sample length	or Screened Interval	Soll Denetty Consistency or Rock hardness	Color	MATERIAL CLASSIFICATION	SOS PACK PACK WATER WATER CONTENT	REMARKS PPM PID
14					0.20.000		Santa Carlando		
*	· · · · · · · · · · · · · · · · · · ·		6-1'			DIDW)	Some SC. Sandwcla		\$50.0
							Pocks silt		A) a
**			2-3'			proug	, ,	wet	88
							Rocks + Silt.		
***			3-4'			proud	Sc. Sandw/ Clay	wet	0.0
					·				
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					*		Luc-ASBOAA - 40001		
					* *		Luc. ASB022-7000)		
					* * *		WC- ASBODD - 70007		
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PROJECT	Γ: <u></u> ΓΝΟ.:	UCAS 99	(OMP)	RESSOR Da - LU	STATIC C	<u>n</u> :	BORING NO.: <u>LUC - AS</u> DATE: <u>10-23-99</u>	B <i>023</i>	
DRILLER:	NA					6	LEVATION: N/A		
FIELD GE	OLOGI	ST: (b)	(4)						
WATER L	EVEL D	ATA:	NA						
(Date, Tir	ne & Co	onditions):16.0	00					
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATER	AL DESCRIPTION	uscs	
Type or . RQD	or Run No.		Sample length	or Screened Interval	Soll Deneity Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	WATER	REMARKS PPM PID
*			0-1				SC. Silly Sancl		2.7
**			2-3				Sc silty Sand		a.9
						_	i .		4.0
***			3-4			brack	SC- Silty Sand black to grey Staining		149
							black to grey		
						. <u></u>	Staining		
									
					*		WC-ASB023-40001		
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					* *		LUC- ASBOA3-70001		· · · · · · · · · · · · · · · · · · ·
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		MAR	Comple	PESS/OR	STATIO	n e	ORING NO.: LUC - ASI	30aY	
PROJECT PROJECT	:	<u>UCII3</u> 991	6142 -0	12 - Lu	<u>STATIÒ</u> C	C	ORING NO.: <u>LUC - ASI</u> NATE: <u>10 90 00</u> ELEVATION: N/A		
DRILLER:	NA					E	LEVATION: N/fl	<u></u>	
FIELD GE	:OLOGIS	ST: _ <mark>(b) (</mark>	4)						
WATER L (Date, Tin	EVEL D	ATA:): 1:48						
Semple	Depth		Sample Recovery	Lithology Changes (Depth, ft.)		MATERI	AL DESCRIPTION	S C C C C C C C C C C C C C C C C C C C	
No. & Type or . RQD	(fL) or Run No.	Blows, 6' or RQD (N)	Semple length	or Screened Interval	Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	RYCK Bip- kentee WATER CONTENT	REMARKS PPM PID
-14	 					haus	Sc- Sandw/ clay silt		6.0
*			6-1			Di Guai I	Pair		
					<u></u>	1	Sc-Sandwi Claysilt		O. O
XR			2-3			prows			
	ļ			1		1 -	Rocks	Wet	113
***	ļ		3.4'			brawn	SC, Sand w/ Clay Silt	10001	710
	ļ		<u> </u>				Rocks, wBlack		6.0
* * 1*	<u> </u>		5-6	and the second second second),	Staining & DIDOR	 	0.0
	<u> </u>		<u> </u>			brown	1 - 1)		
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REMARKS									



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PROJECT	. <u>\</u>	<u>, 2013</u> 991	5/42 -0	72 - LU	<u>C</u>	C	ORING NO.: <u>LUC - ASI</u> DATE: <u>10-26-99</u> ELEVATION: N/A		
DRILLER:	KI A		<u> </u>			E	LEVATION: N/A		
FIELD GE	OLOGIS	3Τ: <mark>(b) (</mark> 4	•						
WATER U	evel D	ATA:	<u>_Nh</u> _						
(Date, Tim	те & Co	nditions):8·1	0					
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, ft.)		AATERI	AL DESCRIPTION	tusca Parck	
Type or ROO	or Run No.	(N) RQD 6° or	Sample length	or Screened Interval	Soll Denetty Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	NATER	REMARKS PPM PID
• • • • •	 	 	- /	 			co silly sight		6.0
*			0-1	1		 	Sc. Silty Sancl	 	<u> </u>
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**			1.5-2.5	Ø		black	-SC- Silby Stool	ļ	813
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REMARKS_	W O	Cefus	al 6	J.S.	70001	<u>(6/le</u>	relat Rom +5-	ヌゴ _	13.03



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PROJECT	ROJECT: LUCAS (OMPRESSOR STATION) BORING NO.: LUC - ASBODIO ROJECT NO.: 996/42 - 02 - LUC DATE: 10:22-99 ELEVATION: N/A												
PROJECT	[NO.:_		3/7d C	id LU	<u> </u>	E	LEVATION: N/A						
DRILLER: FIELD GE	OLOGIS	ST: (b) (4	1)										
WATER L	EVEL D	ATA:	NA										
(Date, Tin	ne & Co	nditions)	:_7:10										
Sample No. &	Depth (ft)	Blows.	Sample Recovery	Lithology Changes (Depth, ft.)		MATERIA	AL DESCRIPTION	usce					
Type or	or Run No.		Sample length	or Screened Interval	Soll Denetry Conelstency or Rock		MATERIAL CLASSIFICATION	ASCS RYCK BAD- Kendaa WATER CONTENT	REMARKS				
i					hardness	Color			PPM PID				
*			04'			brown	sc Sandul cla silt		60				
							800 K						
**			2-3'			brusn	sc-Sand w Clay sith		Ó. O				
							Rock						
***			3-4			brown	SC-Sand w Clay silt		0.0				
				1			ROCKS						
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REMARKS													



PROJECT	r:	UCAS	<u>('OMPI</u>	KESSOIK	STATIC	<u> </u>	BORING NO.: LUC - AS	3027	•
PROJECT	r no.:_	99	6142 -0	<u> 22 - Lu</u>	<u>c</u>		DATE: <u>/6·22 99</u> ELEVATION: N/A		
DRILLER:	NA NA	OT. (b)	(4)				ELEANION: NIN		
FIELD GE	EVEL F	SI: _ <mark>**/</mark>	MA						
(Date, Tin				<u>5</u>					
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATER	IAL DESCRIPTION	uscs	
Type or . RQD	or Run No.	(N) FOD (N)	Semple longth	or Screened Interval	Soll Deneity Consistency or Rock hardness	Color	MATERIAL CLASSIFICATION	HYCK HYCK HATER WATER CONTENT	REMARKS PPM PID
*			6-1'			brown	SC - Sind of Alco		6.0
4			07			DIOC-1	SC Sura Cop Cray		
	 					<u> </u>	3114 KOCK		
米尿			2-3'			brows	School w/ Clay Silt		0.0
							SC-Sand w/ Clay SINY POCKS SC Sand w/ Clay SILL ROCKS		
***			3-4			hows	Sc- Sand w/ Clay sill		O. 0
•					-		Rocis		
					· <u></u>		1000		
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					*		LUC-15B007-4000)		
					* *		Luc- ASBODT - 7000)		
					* * *		Luc. 15B027-70002		
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PROJECT PROJECT	PROJECT: LUCAS (OMPRESSOR STATION) BORING NO.: LUC - ASISORO PROJECT NO.: 996/42 - 02 - LUC DATE: 10:20:99 PROJECT NO.: N/A ELEVATION: N/A												
FIELD GE		ST: (b) ((4)										
WATER L	EVヒし ひ	ATA:	<u>/V/\</u>						·				
(Date, Tin	1e & Co	nditions)	: 3.30)									
Sample No. &	Depth (fL)	Blows,	Sample Recovery	Uthology Changes (Depth, fL)	•	MATERI	AL DESCRIPTION	USC/S RVck					
Type or . RQO	or Run No.	(M) HOD E, ox	Semple longth	or Screened Interval	Soll Density Consistency or Rock		MATERIAL CLASSIFICATION	RYCK RYCK Kerses WATER CONTENT	REMARKS				
					herdness	Color			PPM PID				
*			0-1'			brown	CL cly u sit Sand	<u> </u>	0.0				
							4 00 4 11 5 1		0.0				
* R			Q-3'			DYOWY	Prock		0.0				
***			3-4'			brown	CL- Cly w silt Sand Rocks CL-Cly w silt Sand Rocks CL-Cly w silt Sand Rock,		0.0				
7							Rock,						
					*		LUC- ASBOO 8- 4000)						
					* *		LILL ACRADO -man						
	<u> </u>				* *		mg- 428098-20001						
					* * *		Luc-12802 0. 70003						
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PROJECT	r: <u> </u>	UCAS	('OMPI	KESSOIK	STATIC	<u>)/)</u> [	BORING NO.: <u>LUC - AS</u> DATE: <u>10-73-99</u>	1300A	
PROJECT	NO.: _	<u>99</u>	6/42 -0	<u> 22 - LU</u>	<u> </u>		DATE: <u>10-22-9</u> ELEVATION: <u>N/A</u>		
DRILLER:	NA	(h)	(4)			t	ELEVATION: NIT	<del></del>	<del></del>
FIELD GE	OLOGI	ST: _	AIA						
WATER L (Date, Tin	とんらじ い	MIA:						<del></del>	
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATERI	AL DESCRIPTION	tiscs Rick Bao- kennes	
Type or . RQD	or Run No.	FOD (N)	Sample longth	or Screened Interval	Soll Denetty Coneletency or Rock herdness	Color	MATERIAL CLASSIFICATION	konga WATER (Ontent	REMARKS PPM PID
*			3-4			hioras	SA Sandy Alay silt	Wet	6.8
<u></u>			37			DIOUT	S. Sanara Cay SIII	TWC1	<u> </u>
							Kods,	-	
**			4-5			proun	SC Sandw clay silt SC Sandwy clay sit ROCLS		8.8
						<del> </del>	Koas		
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REMARKS_	<u> Don</u>	ne ge	<u> </u>	lainins	, and	<u>a</u> 9	flynol like oper	1Ke	usa es



PROJECT	r:	UCAS	COMPI	<u>RESSOIL</u>	STATIO C	<u>(1)</u>	BORING NO.: <u>LUC - AS</u> DATE: <u>10-27-99</u>	3030	)
PROJEC1	NO.: _	990	5/42 -C	<u> </u>	<u>c</u>	}	ELEVATION: N/A	<del></del>	
DRILLER:	NA NOO!	37. (b) (	4)				TELEVATION.		
FIELD GE WATER L	OLOGI OLOGI	SI: WA	NIA						
(Date, Tin	ne & Co	nditions	):	a ()					
Sample	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, ft.)	1	MATER	AL DESCRIPTION	usce	
No. & Type or , RQD	(ft.) or Run No.	6° or RQD (N)	Semple length	or Screened Interval	Soll Density Consistency or Rock		MATERIAL CLASSIFICATION	HISCS BYCK BYO- Kendaa WATER CONTENT	REMARKS
					herdness	,Color			PPM PID
*			0.1				St- SILLY Sancl		31
**			2-,3				SC-SILLY Sand w clay		36
A - 7 -			3.74	·			Grey String Shatlabore	1	
***			3-4				SC-SILLY Sand welley Greystam Slightopoc SC-SILLY Sand welley Grey Staing Slighton		30
					·		grey Staing Slighter		
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PROJECT	NO.:	99	6/42 -0	Da-lu	STATIO C	(	BORING NO.; <u>LUC - ASI</u> DATE: <u>10 27 99</u> ELEVATION: N/A		
DRILLER:	NA					(	ELEVATION: N/A		
FIELD GE	OLOGIS	ST: (b) (4	4)						
WATER L	EVEL D	ATA:	/V/)						
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Sample No. &	Depth	Blows.	Sample Recovery	Lithology Changes (Depth, ft.)	•	MATER	AL DESCRIPTION	usca	
Type or . RQD	or Run No.	• • •	Semple longth	or Screened Interval	Soll Density Consistency or Rock hardness	SUSCE FLYCK END- KENTER WATER CONTENT	REMARKS PPM PID		
*			0-1				SC-SIH Sandw gravel SC-SIHy Sand		6.0
							gravel		
1. 5.4			2-3				sa- sully Sand		54
**			a-3		i		SC SITTY SUITE		<del></del>
***			3-4				Sc- silly Sand		58
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PROJECT	r:	UCAS	COMP	RESSOR	STATIÒ C	<u>n_</u>	BORING NO.: <u>LUC - AS</u> DATE: <u>(O-AT-99</u> ELEVATION: <u>N/A</u>	3030	<u> </u>
PROJEC1	[ NO.: _	99	6/42 -0	<u> 22 - LU</u>	<u>C</u>	!	DATE: <u>(0 d / 99</u>		<del></del>
UDILLED:	N A						ELEVATION: N/A		
FIELD GE	OLOGI	ST: _ <mark>(D)</mark>	(4)				<del></del>		
WATER L	EVEL D	ATA:	NA	21					
(Date, 110	ne & Co	enombone.	):13:	<u> </u>	r =			T 1	
Sample No. &	Depth (fL)	Blows.	Sample Recovery	Lithology Changes (Depth, ft.)		MATER	AL DESCRIPTION	usca	
Type or RQD	or Run No.	(N) HOD 6, ot	Sample length	or Screened Interval	Soll Deneity Coneletency or Rock herdness	Color	MATERIAL CLASSIFICATION	HISCH RIVER HEAD- WATER CONTENT	REMARKS PPM PID
*			6-1				SC 3114 Sanct		0.0
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							gray Stain		
***			g.l/						0.0
X 4 W			5 1	Ì	-		SC SILL Sand		
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REMARKS							·		



PROJECT	:	<u>UCAS</u>	('OMPA	KESSOIK	STATION	<u>, 1                                    </u>	ORING NO.: <u>LUC - ASL</u> DATE: <u>10-27-99</u>		
PROJECT	_ NO:: _	<u> 440</u>	3/78 ·C	ia IU	<u> </u>	E	LEVATION: N/A		
DRILLER: FIELD GE	KI KI								
WATER U	EVEL D	ATA:	Nh					<del></del>	<del></del>
(Date, Tim	те & Co	nditions)	:13:	40				<del></del>	
Sample No. &	Depth	Blows,	Sample Recovery	Littiology Changes (Depth, fL)		MATERI	AL DESCRIPTION	uscs Red	 
Type or . RQD	or Run No.	6° or RQD (N)	Semple length	or Screened Interval	Soll Deneity Consistency or Rock		MATERIAL CLASSIFICATION	USCS FYCK BAD- KONTER WATER CONTENT	REMARKS
ì		<u> </u>			hardness	Color		<del>  </del>	PPM PID
*			6-1				sc sily sand	<b>  </b>	0.0
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10 Tel	<del>                                     </del>		2-3	1			3C- silly sand		00
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PROJECT	ROJECT: LUCAS COMPRESSOR STATION BORING NO.: LUC - ASB 0340 ROJECT NO.: 996/42 - 02 - LUC DATE: 10:25 RULER: N.A. ELEVATION: N.A.													
PROJECT	NO.: _	990	6142 -0	<u> 12 - LU</u>	<u> </u>		PAIE: /Did \							
DRILLER:	NA						LEVATION: N/H	<del> </del>						
FIELD GE	OLOGIS	ST: _ <mark>(D)</mark>	(4)											
WATER I	FVEL D	ATA:	NA	<u> </u>										
(Date, Tin	10 & Co	nditions)	12:0	0			<del></del>	,						
Semple No. &	Depth (fL)	Blows,	Sample Recovery	Lithology Changes (Depth, ft.)	AMATERIAL DESCRIPTION									
Type or _ RQD	or Run No.	(N) FIGD 6° or	Sample length	or Screened Interval	Soll Denetty Consistency or Rock		MATERIAL CLASSIFICATION	NATER CONTENT	REMARKS					
					herdness	Color			PPM PID					
*			0-1			brown	SILT ROCK		0.0					
* *			2-3			brown	Silt Rock & Samo		0.0					
						1 10 10								
***			3-4			ugnt brown	SILL Rack + Sand		0.0					
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		UCAS 990	('OMPI 6/42 - C	RESSOR Da - Lu	<u>STATIO</u> C	<u>//)                                   </u>	BORING NO.; <u>LUC - ASI</u> DATE: <u>10:25</u> ELEVATION: <u>N/A</u>	3037	
DRILLER: FIELD GE	OLOGIS	ST: (b) (	(4)						
WATER L	evel D	ATA:	<u>_N/}</u>						
(Date, Tin	ne & Co	nditions	): <u> </u>	0				<del></del>	
Sample No. &	Dopth (fL)	Blows,	Sample Recovery	Lithology Changes (Depth, ft.)		MATER	AL DESCRIPTION	uscs	
Type or . RQD	or Run No.	6° or RQD (N)	Semple length	or Screened Interval	Soll Density Consistency or Rock	Onlos	MATERIAL CLASSIFICATION	NSCS RYCK BYO- Kendas WATER CONTENT	REMARKS
					herdness	Color			PPM PID
*			6-1			<u> </u>	S. Sandy silty grave		00
* W			2-3				8. SS bedrock w/		00
							31/ty Sandy		
***			3-4				x-ss bedrock w		0.0
<u> </u>					-		X. SS bedrock w/ SIIty Sandy X-SS bedrock w/ SIIty Sandy		
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PROJECT	ROJECT: LUCAS (OMPRESSOR STATION) BORING NO.: LUC - ASBOS S  ROJECT NO.: 996/42 - 02 - LUC DATE: 10:20:99  ROJECT NO.: N/A ELEVATION: N/A												
DBILLEB:	N A					E	LEVATION: N/A						
FIELD GE	OLOGIS	ST: (b) (	4)										
MATERIA	C/CI D	ATA	NIA	<del></del>					·				
(Date, Tin	ne & Co	nditions	): <u></u>	<u>s (A)</u>				<del></del>					
Sample No. &	Dapth (fL)	Blows,	Sample Recovery	Lithology Changes (Depth, ft.)		MATERI	AL DESCRIPTION	uscs ov					
Type or _ RQD	or Run No.	6° or RQD (N)	Semple longth	or Screened Interval	Soll Deneity Coneletency or Rock		MATERIAL CLASSIFICATION	NSCS RYCK EAD- KONGGS WATER CONTENT	REMARKS				
					herdness	Color			PPM PID				
*			0-1			Bour	a- Clagul Sandsilta		0.0				
							Rout						
* *			<b>a</b> -3			Brown			0.0				
<u> </u>						B	CL- Clay w/ Samel Silfe Rock						
***			3-4				CL. Clay W Sand Silla		0.0				
N . W.					-		CL. Clay by Sand Silla						
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PROJECT	NO.: _	99	6/42 -0	22 - LU	<u>c</u>	(	DATE: 10-19-99		
DRILLER:	NA			_			ELEVATION: N/f1'		
FIELD GE	OLOGI	ST: (b)	(4)						
WATER L	EVEL D	ATA:	NA						
(Date, Tin	ne & Co	anditions	):(()	15 (A)				<del></del>	
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATERI	AL DESCRIPTION	SOS RACK BACK BACK BACK BACK BACK BACK BACK B	
Type or . RQD	or Run No.	FOD (N)	Sample length	or Screened Interval	Soll Density Consistency or Rock hardness	Color	MATERIAL CLASSIFICATION	kondas WATER CONTENT	REMARKS PPM PID
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REMARKS_					<del></del>			<del></del>	



PROJECT PROJECT DRILLER: FIELD GE WATER L (Date, Tin	<u>NA</u> OLOGI: EVEL D	ST: _ <mark>(b) (</mark>	( <mark>4)</mark>	RESSOR Da - lu	STATIÒ C	<u>/)                                    </u>	BORING NO.: LUC - ASE DATE: 10 19 99 ELEVATION: N/A	3040	
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, #L)		MATERI	AL DESCRIPTION	usca	
No. & Type or , RQD	or Run No.		Sample longth	or Screened Interval	Soll Density Consistency or Rock herdness	Color	WATER CONTENT	REMARKS PPM PID	
*			0-1'				CL- SIHY Clay		
* *			a-3'					dimop	
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							Luc-ASB040-40001		
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REMARKS_									



PROJECT	:	UCAS	Compl	<u>ressor</u>	<u>STATIÒ</u> C	<u></u>	BORING NO.: <u>LVC - A.S.</u> DATE: <u>10·19·99</u> ELEVATION: <u>N/A</u>	3041	
PROJEC1	NO.: _	990	6142 -C	<u> 12 - Lu</u>	<u> </u>	:	DATE: <u>10°14°44</u>		
DRILLER:	NA					t	EEAVION. MAL		
FIELD GE	OLOGI	51: <u>                                    </u>	Λ1 <b>Λ</b>					<del></del>	
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Sample No. &	Depth (ft.)	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATERI	AL DESCRIPTION	NSCS RYCK Bro- kennaa	
Type or .	or Run	6° or	Sample	or	Soll		1	Hyck	DEMARKS
RQD	No.	RQD (N)	length	Screened Interval	Density	1	MATERIAL	kengaa	REMARKS
		(4)			Consistency or Rock herdness	Color	CLASSIFICATION	CONTENT	PPM PID
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PROJECT	:	<u>UCAS</u>	('OMPI	KENOK	<u> 214.110</u>	<u>,,                                   </u>	SUMMU NO.:COCASI	ال الم	
PROJECT	NO.:	990	5142 -0	<u> 22 - LU</u>	STATIÒ C		BORING NO.: <u>LUC - ASI</u> DATE: <u>LO 19 00</u> ELEVATION: N/A		
DRILLER:	NA					E	LEVATION: N//		<del></del>
FIFI D GE	OLOGIS	ST: (D)	4)					· · · · · · · · · · · · · · · · · · ·	
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Sample	Dapth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)	A	MATERI	AL DESCRIPTION	usce	
No. & Type or . RQD	(ft.) or Run No.	6° or RQD (N)	Semple length	or Screened Interval	Soll Deneity Consistency or Rock hardness	Color	USCS RYCK BID- Kennaa WATER CONTENT	REMARKS PPM PID	
	l		6-1'				M-Silty Man	damp	,
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PRO IFCT	/	UCAS	COMPA	RESSOR	STATIÒ C	<u>/)</u> E	BORING NO.: <u>LUC - ASI</u> DATE: <u>10 19 9 9</u> ELEVATION: <u>N/A</u>	3043	
PROJECT	NO.:	990	5/42 -C	)2 - LU	C		DATE: 10.19.99	<del></del> ,	
DRILLER:	NA					E	LEVATION: N/F		
FIELD GE	OLOGIS	ST: _ <mark>(b)</mark> (	(4)		<u></u>				
WATER L	EVEL D	ATA:	NA						
(Date, Tin	ne & Co	nditions)	): <u>  11;2(</u>	ر				<del></del>	
Sample No. &	Dopth (fL)	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATERI	AL DESCRIPTION	USCS Flyck Bip- kennag	[ :
Type or RQO	or Run No.	6° or RQD (N)	Sample length	or Screened Interval	Soll Denetty Conelatency or Rock herdness	Color	MATERIAL CLASSIFICATION	CONTENT	REMARKS PPM PID
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*4		<b> </b>	2-3'				CL- SILLY Clay	dam	6.0
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PROJECT	: <u> </u>	UCAS	COMPI	RESSOR	STATIO C	<u>n</u> _e	ORING NO.: <u>LUC - ASI</u>	3044	
PROJECT	NO.: _	990	5/42 -C	)2 - <u>Lu</u>	<u> </u>	<u></u>	ATE: <u>10-19-<b>99</b></u> LEVATION: N/A		
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WATER I	FVEL D	ATA:	NA						
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Sample No. &	Depth (ft.)	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATERI	AL DESCRIPTION	USCS FIXCK FIRE- Kennag	
Type or .	or Run	6, ot	Sample	70	Soll			Hykek	DEMARKS
ROD	No.	RQD	longth	Screened Interval	Density		MATTOIAI	kondes	REMARKS
		(2)		S 11 4 41	Consistency or Rock hardness	Color	MATERIAL CLASSIFICATION	WATER CONTENT	PPM PID
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PROJECT	PROJECT: LUCAS COMPRESSOR STATION BORING NO.: LUC - ASBO 45 PROJECT NO.: 996/42 - 02 - LUC DATE: 10 19 99 ELEVATION N.L.												
PROJECT	PROJECT:												
DRILLER:	NA						LEVATION: N/f1 '		<del></del> !				
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WATER L	EVEL D	ATA:	_NA					<del></del>					
(Date, Tin	ne & Co	nditions	): <u>9:1</u>	0									
Sample No. &	Depth	Blows,	Sample Recovery	Uthology Changes (Depth, fL)	•	MATERI	AL DESCRIPTION	usca o					
Type or , RQD	or Run No.	6° or RQD (N)	Sample length	or Screened Interval	Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	HISCS FIXOK FIXO- KENNES WATER CONTENT	REMARKS PPM PID				
-14			a /			00.20	St - Sandy May						
*			0-1	1		Brown	SC-Sandy Clay						
×			2-3			Brown	SC- Sandy Clary						
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2011 EB:	KI K					E	LEVATION: N/A.		
HEID GE	OLOGIS	ST: <mark>(b)</mark>	(4)						······································
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Date, Tin	1e & Co	nditions)	: <u>9:3</u>	55					
Sample	Depth	<b>9</b> 4	Sample Recovery	Lithology Changes (Depth, fL)		AATERI	AL DESCRIPTION	uscs	
No. & Type or . RQD	(fL) or Run No.	Blows, 6' or RQD (N)	Sample length	or Screened Interval	Soll Deneity Conelstency or Rock herdness	Color	MATERIAL CLASSIFICATION	NSCS RYCK FAD- Kendas WATER CONTENT	REMARKS PPM PID
• 44						2000	Sa Sand May 1.		
			0-1	<b>!</b>		DIOM	oc sanayang wi	1	
	ļ						SC Sandyclay w	1	
* R			2-3			Brown	3c - Sandy Clagw		
7.			<u> </u>				sc-Sandy Clagwl Rocks	<u>i</u> i	
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REMARKS									



PROJECT	τ: <i>L</i>	UCAS	COMP	RESSOR	STATIC C	00_1	BORING NO.: <u>LUC - AS</u> DATE: <u>10 19 99</u>	B047	
PROJECT	T NO.: _	99	6142 -0	<u> 22 - LU</u>	C		DATE: 10.19.99		
DRILLER:	NA					(	ELEVATION: N/A		
FIELD GE	EOLOGI	ST: _ <mark>(b)</mark>	(4)						
WATER L	evel C	)ATA:	.Nh						
(Date, Tin	ne & Co	onditions	): <u>2:15</u>	_					
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATER	AL DESCRIPTION	usce	
Type or RQD	or Run No.	6° or RQD (N)	Sample longth	or Screened Interval	Soll Denetty Conelstency or Rock herdness	Color	MATERIAL CLASSIFICATION	HSCS FACK FAD- Kendas WATER CONTENT	REMARKS PPM PID
*			0-1			Brown	CL-W/Samle Roads		0.0
*			2-3'			Brown	CL- W/ Sand & POCK		00
***			3-41			BOUN	(L w Sand & Pools		0.0
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PROJECT	r: <u> </u>	UCAS	Comple	<u>RESSOR</u>	<u>STATIÒ</u> C	<u></u> ;	BORING NO.; <u>LUC - A.S</u> DATE: <u>10 19 00</u> ELEVATION: <u>N/A</u>	B <u>04</u> 8	
PROJECT	L NO:: _	99	0/42 -0	4- IU	<u> </u>	;	FLEVATION: N/A		<del></del>
DRILLER:	N H	et. (h)	4)	·					
FIELD GE WATER L		ATA	MA						
(Date: Tin	ne & Co	nditions	): <u>@:?</u>	35					
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATERI	AL DESCRIPTION	usce	
Type or RQD	or Run No.	(K) BOD e. ot	Semple length	or Screened Interval	Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	HISCH BACK BACK WATER WATER CONTENT	REMARKS PPO PID
*			56'			Bour	11 - Wsand & Pocks		0.0
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PROJECT	PROJECT: <u>LUCAS (OMPRESSOR STATION</u> BORING NO.: <u>LUC - ASB649</u> PROJECT NO.: <u>996/42 - 02 - LUC</u> DATE: <u>10.19.00</u> ELEVATION: N/A												
PROJECT	PROJECT NO.: 996/42 -02 - LUC DATE: 10.14.00												
						E	LEVATION: N/H						
FIELD GE	OLOGIS	ST: (b) (	4)					· · · · · · · · · · · · · · · · · · ·					
WATER L	EVEL D	ATA:	NA										
(Date, Tin	1e & Co	nditions)	: <u>2:50</u>	)									
Sample	Depth		Sample	Lithology Changes (Depth, ft.)	•	ATERI	AL DESCRIPTION	usce					
No. &	(ft.)	Blows, 6° or	Recovery Sample	(Cabat ic)				R¥Ck	1				
Type or . RQD	or Run No.	RQD (N)	length	Screened Interval	Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	NATER CONTENT	REMARKS PPM PID				
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PROJECT	:	<u>UC/13</u>	6142 - 0	22 - ///	<u> </u>	<del></del> -	BORING NO.: <u>LUC - AS</u> DATE: <u>10 - 26 - 99</u> ELEVATION: N/A		
PHOJEC	NO.: _		O/7e	701 24		E	LEVATION: N/A		
DRILLER: FIELD GE		ST. (b) (	4)						
WATER L	EVEL D	ATA:	MA						
(Date Tin	ne & Co	onditions	):_10:E	30					
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)		MATERI	AL DESCRIPTION	uscs	
Type or . RQD	or Run No.	(N)	Sample longth	or Screened Interval	Soll Density Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	NSCS PACK PAD- Kendaa WATER CONTENT	REMARKS PPM PID
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REMARKS_	No	1	.00	18"	3 attern	210	70001 470002	iOot	collected
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PROJECT	:	UCAS	('OMP'	KESSOK	SIATIO	T. I.	BORING NO.: <u>LLOC - ASI</u> DATE: <u>(D.A.)</u>	000	<i>I</i>
PROJECT	NO.: _	99	6142 -0	<u> 22 - 14</u>	<u> </u>	:	ELEVATION: N/A		
DRILLER:	NA						ELEVATION. NITT		
FIELD GE	OLOGI	ST: (D) (4	4)				<del></del>		
WATER L	EVEL D	ATA:	<u>_NB</u>						
(Date, Tin	ne & Co	nations	):			===			
Sample	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)	•	MATERI	AL DESCRIPTION	USCS Prock Pro-	
No. & Type or , ROD	(fL) or Run No.	6° or RQD (N)	Sample longth	or Screened Interval	RYCK MO- Kondes WATER CONTENT	REMARKS PPM PID			
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REMARKS_	<u>&amp; L</u>	ack	do Re	cover !	collected	15-	16 instead of 11-	19	



PROJECT	r: <u> </u>	UCAS	COMP	RESSOR	<u>STATIC</u> C	<u>n</u>	BORING NO.; <u>LUC - AS</u> DATE: <u>/O - 25 · OO</u> ELEVATION: <u>N/A</u>	<u>B 050</u>	<u> </u>
		99	6/42 -0	Du - IU	C		DATE: /U'AS'OO		
driller: Field Ge	N H	CT. (b)	1				ELEVATION. NITT		
WATER L	EVEL F	SI. <mark>Lea</mark>	NΑ			-,,-		<del></del>	
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(5 5.0) 1.1				T		44750	AL DECORPTION		
Sample	Depth	}	Sample	Lithology Changes	•	MATER	IAL DESCRIPTION	uscs	
No. &	(ft.)	Blows,	Recovery	(Depth, fL)				\o _f	
Type or .	or Run		Sample	or	Soll		ĺ	RYCK BO- Kentus	
RQD	No.	RQD (N)	longth	Screened Interval	Density			Kenses	REMARKS
		``'			Consistency or Rock		MATERIAL	WATER	
					herdness	Color	CLASSIFICATION	COMICTI	PPM PID
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PROJECT	r: <u> </u>	UCAS	COMP	RESSOR	STATIC	00	BORING NO.: <u>LUC - A.S</u> DATE: <u>10:25-99</u>	B <i>053</i>	3	
PROJECT	PROJECT: <u>LUCAS (OMPRESSOR STATION)</u> BORING NO.: <u>LUC - ASB (0.53)</u> PROJECT NO.: <u>996/42 - 02 - LUC</u> DRILLER: N A ELEVATION: N/A									
FIELD GE		ST. (b) (4	4)			<del></del> '	LLL WILLIAM			
WATER I	EVEL D	ATA:	MA							
(Date, Tin	ne & Co	onditions	13.0	<b>50</b>						
Sample No. &	Depth	Blows,	Sample Recovery	Littiology Changes (Depth, fL)	•	MATER	IAL DESCRIPTION	usos		
Type or . RQD	or Run No.	4	Semple length	or Screened Interval	Soll Denetty Consistency or Rock		MATERIAL CLASSIFICATION	RYCK BRO- Kennaa WATER CONTENT	REMARKS	
-14			44 .5 1		herdness	Color	Ecol Socol	di	PPM PID	
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PROJECT	г:	UCAS	<u>('OMPi</u>	RESSOR	STATIÒ C	<u>(/)</u>	BORING NO.; <u>LUC - ASI</u> DATE: <u>10:25:99</u> ELEVATION: N/A	3054	
PROJECT	NO.:	99	6142 -0	oa - Lu	<u>C</u>		DATE: <u>10:25:99</u>		
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FIELD GE	OLOGI	ST: _	(4)					<del></del> -	
WATER L	evel D	ATA:	NA						
(Date, Tir	ne & Co	nditions	): <u> </u>	30		=			
Sample No. &	Depth	Blows,	Sample Recovery	Lithology Changes (Depth, fL)	<b>.</b>	MATER	IAL DESCRIPTION	usca	
Type or . RQD	or Run No.	(N) BOD 6. ov	Sample longth	or Screened Interval	Soll Deneity Consistency or Rock herdness	Color	MATERIAL CLASSIFICATION	STATES CONTENT	REMARKS PPM PID
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# APPENDIX H BACKGROUND WORKSHEETS

# CALCULATION OF ARSENIC BACKGROUND LEVELS

Note: Three (3) background samples and one (1) duplicate were collected.

## **Background Data for Arsenic:**

LUC-ASB052-70001	24.7 mg/kg
LUC-ASB053-70001	25.3 mg/kg
LUC-ASB054-70001 and LUC-ASB054-71001	$31.2 \text{ mg/kg}^1$

Total = 81.2 mg/kg

Average = 27.0 mg/kg

<u>x2</u>

Calculated Background Level = 54.0 mg/kg

Maximum Background = 31.2 mg/kg

Selected Site Background Concentration = 54.0 mg/kg

*NOTE: Calculations based on: "Data Collection and Evaluation, Human Health Risk Assessment Bulletin, No. 2., Supplemental Guidance to RAGs." Office of Technical Services, U.S. EPA Region IV, October 1996.

 1  The average of LUC-ASB054-70001 (33.2 mg/kg) and its duplicate LUC-ASB054-71001 (29.2 mg/kg).

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#### CALCULATION OF CHROMIUM BACKGROUND LEVELS

Note: Three (3) background samples and one (1) duplicate were collected.

## **Background Data for Chromium:**

 $\begin{array}{ccc} LUC\text{-}ASB052\text{-}70001 & 15.1 \text{ mg/kg} \\ LUC\text{-}ASB053\text{-}70001 & 8.6 \text{ mg/kg} \\ LUC\text{-}ASB054\text{-}70001 \text{ and } LUC\text{-}ASB054\text{-}71001 & \underline{11.75 \text{ mg/kg}}^1 \\ \end{array}$ 

Total = 35.4 mg/kg

Average = 11.8 mg/kg

<u>x2</u>

Calculated Background Level = 23.6 mg/kg

Maximum Background = 15.1 mg/kg

Selected Site Background Concentration = 23.6 mg/kg

*NOTE: Calculations based on: "Data Collection and Evaluation, Human Health Risk Assessment Bulletin, No. 2., Supplemental Guidance to RAGs." Office of Technical Services, U.S. EPA Region IV, October 1996.

 1  The average of LUC-ASB054-70001 (12.7 mg/kg) and its duplicate LUC-ASB054-71001 (10.8 mg/kg).

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#### CALCULATION OF BARIUM BACKGROUND LEVELS

Note: Three (3) background samples and one (1) duplicate were collected.

## **Background Data for Barium:**

LUC-ASB052-70001	49.8 mg/kg
LUC-ASB053-70001	40.5 mg/kg
LUC-ASB054-70001 and LUC-ASB054-71001	$81.9 \text{ mg/kg}^1$

Total = 172.2 mg/kg

Average = 57.4 mg/kg

<u>x2</u>

Calculated Background Level = 114.8 mg/kg

Maximum Background = 81.9 mg/kg

Selected Site Background Concentration = 114.8 mg/kg

*NOTE: Calculations based on: "Data Collection and Evaluation, Human Health Risk Assessment Bulletin, No. 2., Supplemental Guidance to RAGs." Office of Technical Services, U.S. EPA Region IV, October 1996.

 1  The average of LUC-ASB054-70001 (71.2 mg/kg) and its duplicate LUC-ASB054-71001 (92.7 mg/kg).

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#### CALCULATION OF LEAD BACKGROUND LEVELS

Note: Three (3) background samples and one (1) duplicate were collected.

## **Background Data for Lead:**

LUC-ASB052-70001	23.3mg/kg
LUC-ASB053-70001	$11.35 \text{ mg/kg}^1$
LUC-ASB054-70001 and LUC-ASB054-71001	$36.1 \text{ mg/kg}^2$

Total = 70.7 mg/kg

Average = 23.6 mg/kg

<u>x2</u>

Calculated Background Level = 47.2 mg/kg

Maximum Background = 36.1 mg/kg

Selected Site Background Concentration = 47.2 mg/kg

*NOTE: Calculations based on: "Data Collection and Evaluation, Human Health Risk Assessment Bulletin, No. 2., Supplemental Guidance to RAGs." Office of Technical Services, U.S. EPA Region IV, October 1996.

¹ Not Detected. One-half (1/2) of the detection limit is used to calculate the background calculation.

² The average of LUC-ASB054-70001 (39.3 mg/kg) and its duplicate LUC-ASB054-71001 (32.9 mg/kg).

## CALCULATION OF NICKEL BACKGROUND LEVELS

Note: Three (3) background samples and one (1) duplicate were collected.

## **Background Data for Nickel:**

LUC-ASB052-70001	24.1 mg/kg
LUC-ASB053-70001	23.8 mg/kg
LUC-ASB054-70001 and LUC-ASB054-71001	$21.9 \text{ mg/kg}^1$
Total =	69.8 mg/kg
	22.2
Average =	-
Average =	23.3 mg/kg x2

**Calculated Background Level =** 46.6 mg/kg

> Maximum Background = 24.1 mg/kg

**Selected Site Background Concentration =** 46.6 mg/kg

*NOTE: Calculations based on: "Data Collection and Evaluation, Human Health Risk Assessment Bulletin, No. 2., Supplemental Guidance to RAGs." Office of Technical Services, U.S. EPA Region IV, October 1996.

 $^{^{1}}$  The average of LUC-ASB054-70001 (23.2 mg/kg) and its duplicate LUC-ASB054-71001 (20.6 mg/kg).

#### CALCULATION OF ANTIMONY BACKGROUND LEVELS

Note: Three (3) background samples and one (1) duplicate were collected.

## **Background Data for Lead:**

LUC-ASB052-70001	5.7 mg/kg
LUC-ASB053-70001	5.7 mg/kg
LUC-ASB054-70001 and LUC-ASB054-71001	$5.7 \text{ mg/kg}^{1,2}$

Total = 17.1 mg/kg

Average = 5.7 mg/kg

<u>X2</u>

Calculated Background Level = 11.4 mg/kg

Maximum Background = 5.7 mg/kg

Selected Site Background Concentration = 11.4 mg/kg

*NOTE: Calculations based on: "Data Collection and Evaluation, Human Health Risk Assessment Bulletin, No. 2., Supplemental Guidance to RAGs." Office of Technical Services, U.S. EPA Region IV, October 1996.

 $^{^{1}}$  The average of LUC-ASB054-70001 (5.5 mg/kg) and its duplicate LUC-ASB054-71001 (6.0 mg/kg).

² One-half of detection limit used to calculate background.

# APPENDIX I

# SUMMARY OF ANALYTICAL RESULTS COMPARED TO OHIO ACTION LEVELS